



DAHUA DISPLAY & CONTROL

Products and Solutions



2025 Ver.1

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LED DISPLAY

2022

Released MINI COB

2023

Layout the Rental Screen Section

2024

Released COB Foldable AIO

2025

MIP Technology

COMMERCIAL DISPLAY

2022

Released Gaming Monitor

2023

Released Android TV

2024

Released Wide-screen Gaming Monitor, Released UHD Oversized CCTV Monitor, 4K LCD Video Walls

2025

Released OLED Gaming Monitor, Released Low Power Consumption CCTV Monitor, 1.2mm LCD Video Walls

CENTRAL CONTROL

2008

Dahua First Splicing Processor DSCON2000

2010

Industry's First HD Decoder NVS0404DH

2011

Industry's First PCIe-switched Matrix M60

2013

Highly Popular M70

2025

ProAV Era Ultimate Audio-Visual Experience Splicing Processo DSCON8000

2024

Redefining the LED Era with 8KMatrix M80

2015

First AVOIP Product No SyncE Switch Needed

DISPLAY

LCD Video Walls

- Industrial level LCD panel, suitable for continuous 24/7 operation
- Anti-glare panel with vivid and memorable image quality
- Shorter response time and no image ghosting
- Abundant interfaces including HDMI, DVI, VGA, DP or CVBS
- Modular structure design, multiple installation modes

Basic Series

	DHI-LS550UCM-BF	DHI-LS460UCM-BF
Model		
Diagonal Size	55" (16:9)	46" (16:9)
Panel Type	ADS	ADS
Resolution	1920x1080	1920x1080
Backlight	Direct LED	Direct LED
Bezel Width	2.3mm (T/L), 1.2mm (B/R)	2.3mm (T/L), 1.2mm (B/R)
Pixel Density	40dpi	48dpi
Brightness	500cd/m²	500cd/m²
Contrast Ratio	1200:1	1200:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°
Response Time (G-to-G)	8ms	8ms
Color Depth	8bit	8bit
Color Temperature	10,000K	10,000K
MTBF	50,000h	50,000h
Input	1 CVBS, 1 VGA, 1 DVI-D, 1 HDMI, 1 RS232, 1 USB, 1 IR	1 CVBS, 1 VGA, 1 DVI-D, 1 HDMI, 1 RS232, 1 USB, 1 IR
Output	1 RS232	1 RS232
Control Mode	RS232, Infrared Remote	RS232, Infrared Remote
Working Temperature	0°C~+50°C (+32°F~+122°F)	0°C~+50°C (+32°F~+122°F)
Working Humidity	10~80%	20~80%
Power & Consumption	AC100V~AC240V, 130W	AC100V~AC240V, 135W
Dimensions	1213.7mm×684.5mm×85.9mm (47.8"×26.9"×3.4")	1022.0mm×576.6mm×120.7mm (40.2"×22.7"×4.8")
Net Weight	18.5kg (40.8lb)	16.0kg (35.3lb)
Installation Mode	Floor-standing, Wall-mounted (Optional)	Floor-standing, Wall-mounted (Optional)

Essential Series

	DHI-LS550UCM-EF	DHI-LS490UCM-EF
Model		
Diagonal Size	55" (16:9)	49" (16:9)
Panel Type	ADS	ADS
Resolution	1920×1080	1920×1080
Backlight	Direct LED	Direct LED
Bezel Width	2.3mm (T/L), 1.2mm (B/R)	2.3mm (T/L), 1.2mm (B/R)
Pixel Density	40dpi	46dpi
Brightness	500cd/m²	500cd/m²
Contrast Ratio	1200:1	1200:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°
Response Time (G-to-G)	8ms	8ms
Color Depth	8bit	8bit
Color Temperature	10,000K	10,000K
MTBF	50,000h	50,000h
Input	1 CVBS, 1 VGA 1 DVI-D, 1 HDMI, 1 RS232, 2 USB, 1 Audio in, 1 IR	1 CVBS, 1 VGA 1 DVI-D, 1 HDMI, 1 RS232, 2 USB, 1 Audio in, 1 IR
Output	1 CVBS, 1 RS232, 2 HDMI, 1 VGA, 1 Audio out	1 CVBS, 1 RS232, 2 HDMI, 1 VGA, 1 Audio out
Control Mode	RS232, Infrared Remote	RS232, Infrared Remote
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~80%	10~80%
Power & Consumption	AC100V-AC240V, 175W	AC100V-AC240V, 135W
Dimension	1213.7mm×684.5mm×121.8mm (47.8"×26.9"×4.8")	1078.4mm×608.4mm×120.8mm (42.5"×24"×4.8")
Net Weight	27kg (59.5lb)	19.5kg (43.0lb)
Installation Mode	Floor-standing, Wall-mounted (Optional)	Floor-standing, Wall-mounted (Optional)

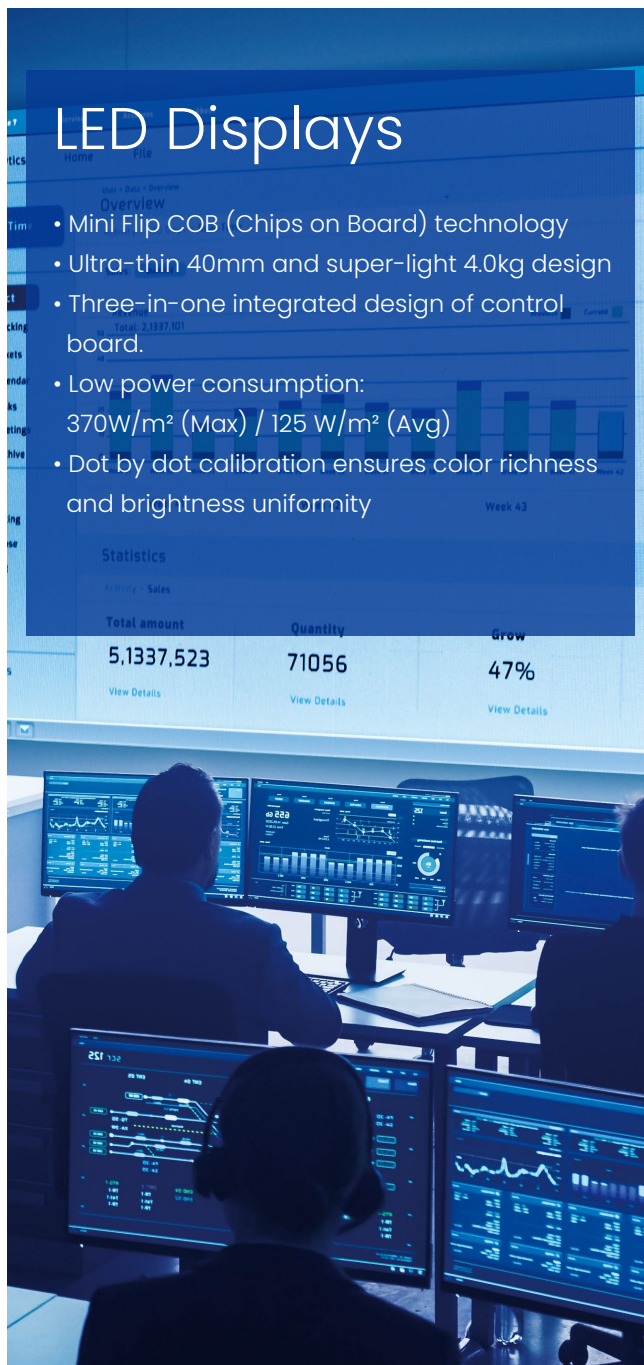
Ultra Series

	DHI-LS650KCM-UF	DHI-LS550KDH-UF	DHI-LS550UEH-UG	DHI-LS550UEM-UG	DHI-LS550UDH-UG
Model					
Diagonal Size	65" (16:9)	55"(16:9)	55"(16:9)	55"(16:9)	55"(16:9)
Panel Type	ADS	ADS	IPS	IPS	IPS
Resolution	3840×2160	3840×2160	1920×1080	1920×1080	1920×1080
Backlight	Direct LED	Direct LED	Direct LED	Direct LED	Direct LED
Bezel Width	2.3mm (T/L), 1.2mm (B/R)	0.9mm(T/L), 0.8mm(B/R)	0.44mm (T/L), 0.44mm (B/R)	0.44mm (T/L), 0.44mm (B/R)	1.3mm (T/L), 0.44mm (B/R)
Pixel Density	68dpi	80dpi	40dpi	40dpi	40dpi
Brightness	500cd/m²	700cd/m²	700cd/m²	500cd/m²	700cd/m²
Contrast Ratio	1200:1	1200:1	1100:1	1100:1	1000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time (G-to-G)	8ms	8ms	8ms	8ms	8ms
Color Depth	8bit	1.07G (8Bits+FRC)	10bit	10bit	10bit
Color Temperature	10,000K	10,000K	10,000K	10,000K	10,000K
MTBF	50,000h	50,000h	50,000h	50,000h	50,000h
Input	1 VGA, 1 DVI-D, 2 HDMI, 1 DP, 1 RS232, 1 Audio, 1 OPS, 1 IR	1 VGA, 1 DVI-D, 2 HDMI, 1 DP, 1 RS232, 1 Audio, 1 IR	1 VGA, 1 DVI-D, 2 HDMI, 1 DP, 1 RS232, 1 Audio, 1 IR	1 VGA, 1 DVI-D, 2 HDMI, 1 DP, 1 RS232, 1 Audio, 1 IR	1 VGA, 1 DVI-D, 2 HDMI, 1 DP, 1 RS232, 1 Audio, 1 IR
Output	1 DP, 1 RS232, 1 Audio	1 DP, 1 RS232, 1 Audio	1 DP, 1 RS232, 1 Audio	1 DP, 1 RS232, 1 Audio	1 DP, 1 RS232, 1 Audio
Control Mode	RS232, Infrared Remote	RS232, Infrared Remote	RS232, Infrared Remote	RS232, Infrared Remote	RS232, Infrared Remote
Working Temperature	0°C~+50°C (+32°F~+122°F)	0°C~+50°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~80%	10~80%	10~90%	10~90%	10~90%
Power & Consumption	AC100V-AC240V, 130W	AC100V-AC240V, 180W	AC100V-AC240V, 150W	AC100V-AC240V, 170W	AC100V-AC240V, 180W
Dimensions	1432.6mm×807.6mm×127.1mm (56.4"×31.8"×5.0")	1211.3mm×682.1mm×121.7mm (47.7"×26.9"×4.8")	1210.5mm×681.2mm×117.4mm (47.7"×26.8"×4.6")	1210.5mm×681.2mm×117.4mm (47.7"×26.8"×4.6")	1212.2mm×683.0mm×117.0mm (47.7"×26.9"×4.6")
Net Weight	40kg (88.2lb)	25.6kg (56.4lb)	24.5kg (54.0lb)	24.5kg (54.0lb)	24.5kg (54.0lb)
Installation Mode	Floor-standing, Wall-mounted (Optional)	Floor-standing, Wall-mounted (Optional)	Floor-standing, Wall-mounted (Optional)	Floor-standing, Wall-mounted (Optional)	Floor-standing, Wall-mounted (Optional)

Ultra Series

	DHI-LS550UDM-UF	DHI-LS550UCM-UF	DHI-LS490UCM-UF	DHI-LS460UDM-UF
Model				
Diagonal Size	55"(16:9)	55"(16:9)	49"(16:9)	46"(16:9)
Panel Type	ADS	ADS	ADS	ADS
Resolution	1920×1080	1920×1080	1920×1080	1920×1080
Backlight	Direct LED	Direct LED	Direct LED	Direct LED
Bezel Width	0.9mm (T/L), 0.8mm (B/R)	2.3mm (T/L), 1.2mm (B/R)	2.3mm(T/L), 1.2mm(B/R)	0.9mm(T/L), 0.8mm(B/R)
Pixel Density	40dpi	40dpi	46dpi	48dpi
Brightness	500cd/m²	500cd/m²	500cd/m²	500cd/m²
Contrast Ratio	1200:1	1200:1	1200:1	1200:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time (G-to-G)	8ms	8ms	8ms	8ms
Color Depth	8bit	8bit	8bit	8bit
Color Temperature	10,000K	10,000K	10,000K	10,000K
MTBF	50,000h	50,000h	50,000h	50,000h
Input	1 VGA, 1 DVI-D, 2 HDMI, 1 DP, 1 RS232, 1 Audio, 1 IR	1 VGA, 1 DVI-D, 2 HDMI, 1 DP, 1 RS232, 1 Audio, 1 IR	1 VGA, 1 DVI-D, 2 HDMI, 1 DP, 1 RS232, 1 Audio, 1 IR	1 VGA, 1 DVI-D, 2 HDMI, 1 DP, 1 RS232, 1 Audio, 1 IR
Output	1 DP, 1 RS232, 1 Audio	1 DP, 1 RS232, 1 Audio	1 DP, 1 RS232, 1 Audio	1 DP, 1 RS232, 1 Audio
Control Mode	RS232, Infrared Remote	RS232, Infrared Remote	RS232, Infrared Remote	RS232, Infrared Remote
Working Temperature	0°C~+50°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+50°C (+32°F~+122°F)
Working Humidity	10~80%	10~80%	10~80%	10~80%
Power & Consumption	AC100V~AC240V, 180W	AC100V~AC240V, 140W	AC100V~AC240V, 135W	AC100V~AC240V, 120W
Dimensions	1212.7mm×683.5mm×121.7mm (47.7"×26.9"×4.8")	1213.5mm×684.3mm×122.4mm (47.8"×26.9"×4.8")	1078.4mm×608.5mm×121.1mm (42.5"×24.0"×4.8")	1021.2mm×575.8mm×122.7mm (40.2"×22.7"×4.8")
Net Weight	28kg (61.73lb)	26kg (57.32lb)	19.5kg (43.0lb)	17.9kg (39.5lb)
Installation Mode	Floor-standing, Wall-mounted (Optional)	Floor-standing, Wall-mounted (Optional)	Floor-standing, Wall-mounted (Optional)	Floor-standing, Wall-mounted (Optional)

DISPLAY



Indoor Fine Pixel Pitch AH Series

Model	DHI-PHSIA1.5-AH	DHI-PHSIA1.2-AH	DHI-PHSIA0.9-AH
			
Pixel Pitch	1.5625mm	1.25mm	0.9375mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B
LED Type	Flip COB Chip	Flip COB Chip	Flip COB Chip
Brightness (Max)	600 nit	600 nit	600 nit
Color Temperature	9300K ± 200K	9300K ± 200K	9300K ± 200K
Viewing Angle (H°/V°)	160°/160°	160°/160°	160°/160°
Pixel Density	409600 dots/m ²	640000 dots/m ²	1137777 dots/m ²
Module Size (W×H)	150mm×168.75mm	150mm×168.75mm	150mm×168.75mm
Module Resolution (W×H)	96×108 dots	120×135 dots	160×180 dots
Cabinet Size (W×H×D)	600×337.5×34.3mm	600×337.5×34.3mm	600×337.5×34.3mm
Cabinet Resolution (W×H)	384×216 dots	480×270 dots	640×360 dots
Cabinet Weight	4.0 kg±0.5	4.0 kg±0.5	4.0 kg±0.5
Cabinet Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Cabinet Aspect Ratio	16:9	16:9	16:9
IP Rating	Front IP65/ Rear IP43	Front IP65/ Rear IP43	Front IP65/ Rear IP43
Operating Temperature/Humidity	-10°C~+40°C/10%~80%RH	-10°C~+40°C/10%~80%RH	-10°C~+40°C/10%~80%RH
Storage Temperature/Humidity	-20°C~+60°C/10%~80%RH	-20°C~+60°C/10%~80%RH	-20°C~+60°C/10%~80%RH
Gray Scale (Max)	13bits	13bits	13bits
Contrast Ratio	10000:1	10000:1	10000:1
Refresh Rate (Max)	3840 Hz	3840 Hz	3840 Hz
Input Power Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)
Input Power (Max)	350 W/m ²	350 W/m ²	370 W/m ²
Input Power (Avg)	120 W/m ²	120 W/m ²	125 W/m ²
Installation Mode	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted
Maintenance Mode	Front Maintenance	Front Maintenance	Front Maintenance
Signal Transmission Distance	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)

Indoor Fine Pixel Pitch SC Series

Model	DHI-PHSIA1.2-SC	DHI-PHSIA1.5-SC	DHI-PHSIA1.8-SC	DHI-PHSIA2-SC
				
Pixel Pitch	1.25mm	1.538mm	1.86mm	2mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD1010	SMD1212	SMD1515	SMD1515
Brightness (Max)	600 nit	600 nit	600 nit	600 nit
Color Temperature	2000k-9500k	2000k-9500k	2000k-9500k	2000k-9500k
Viewing Angle (H°/V°)	140°/140°	140°/140°	140°/140°	140°/140°
Pixel Density	640000 dots/m²	422500 dots/m²	288906 dots/m²	250000 dots/m²
Module Size (W×H)	320mm×160mm	320mm×160mm	320mm×160mm	320mm×160mm
Module Resolution (W×H)	256×128 dots	208×104 dots	172×86 dots	160×80 dots
Cabinet Size (W×H×D)	640×480×42mm	640×480×42mm	640×480×42mm	640×480×42mm
Cabinet Resolution (W×H)	512×384	416×312	344×258	320×240
Cabinet Weight	5.6 kg±0.5	5.6 kg±0.5	5.6 kg±0.5	5.6 kg±0.5
Cabinet Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Cabinet Aspect Ratio	4:3	4:3	4:3	4:3
IP Rating	IP30	IP30	IP30	IP30
Operating Temperature/Humidity	-10°C+45°C / 10%RH-80%RH	-10°C+45°C / 10%RH-80%RH	-10°C+45°C / 10%RH-80%RH	-10°C+45°C / 10%RH-80%RH
Storage Temperature/Humidity	-20°C+55°C / 10%RH-85%RH	-20°C+55°C / 10%RH-85%RH	-20°C+55°C/10%RH-85%RH	-20°C+55°C/10%RH-85%RH
Gray Scale (Max)	14bits	14bits	14bits	14bits
Contrast Ratio	5000:1	5000:1	5000:1	5000:1
Refresh Rate (Max)	3840 Hz	3840 Hz	3840 Hz	3840 Hz
Input Power Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC110~220V (+/-10%)	AC110~220V (+/-11%)	AC110~220V (+/-12%)	AC110~220V (+/-13%)
Input Power (Max)	400 W/m²	400 W/m²	400 W/m²	400 W/m²
Input Power (Avg)	135 W/m²	135 W/m²	135 W/m²	135 W/m²
Installation Mode	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted
Maintenance Mode	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance
Signal Transmission Distance	CAT5 Cable (L≤100m), Multi-mode fiber (L≤300m), Single mode fiber (L≤10km)			

Indoor Fine Pixel Pitch SC Series				Indoor Fine Pixel Pitch LS Series	
Model	DHI-PHSIA2.5-SC	DHI-PHSIA3-SC	DHI-PHSIA4-SC	DHI-PHSIA1.5-LS	DHI-PHSIA1.2-LS
					
Pixel Pitch	2.5mm	3.076mm	4mm	1.5625mm	1.25mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD2121	SMD2121	SMD2121	SMD1010/SMD1212	SMD1010
Brightness (Max)	600 nit	600 nit	600 nit	800 nit	800 nit
Color Temperature	2000k-9500k	2000k-9500k	2000k-9500k	4000K-9500K (Adjustable)	4000K-9500K (Adjustable)
Viewing Angle (H°/V°)	140°/140°	140°/140°	140°/140°	160°/140°	160°/140°
Pixel Density	160000 dots/m²	105625dots/m²	62500 dots/m²	409600 dots/m²	640000 dots/m²
Module Size (W×H)	320mm×160mm	320mm×160mm	320mm×160mm	300×168.75 mm	300×168.75 mm
Module Resolution (W×H)	128×64 dots	104×52 dots	80×40 dots	192×108 dots	240×135 dots
Cabinet Size (W×H×D)	640×480×42mm	640×480×42mm	640×480×42mm	600×337.5×45 mm	600×337.5×45 mm
Cabinet Resolution (W×H)	256×192	208×156	160×120	384×216 dots	480×270 dots
Cabinet Weight	5.6 kg±0.5	5.6 kg±0.5	5.6 kg±0.5	5.76kg±0.5	5.76kg±0.5
Cabinet Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Cabinet Aspect Ratio	4:3	4:3	4:3	16:9	16:9
IP Rating	IP30	IP30	IP30	IP30/IP30	IP30/IP30
Operating Temperature/Humidity	-10°C+45°C / 10%RH-80%RH	-10°C+45°C / 10%RH-80%RH	-10°C+45°C / 10%RH-80%RH	-10°C~-+45°C/10%-90%RH	-10°C~-+45°C/10%-90%RH
Storage Temperature/Humidity	-20°C+55°C/10%RH-85%RH	-20°C+55°C/10%RH-85%RH	-20°C+55°C/10%RH-85%RH	-25°C~-+60°C/10%-90%RH	-25°C~-+60°C/10%-90%RH
Gray Scale (Max)	14bits	14bits	14bits	14 bits	14bits
Contrast Ratio	5000:1	5000:1	5000:1	4000:1	4000:1
Refresh Rate (Max)	3840 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz
Input Power Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC110~220V (+/-14%)	AC110~220V (+/-15%)	AC110~220V (+/-16%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)
Input Power (Max)	400 W/m²	400 W/m²	400 W/m²	500W/m²	500W/m²
Input Power (Avg)	135 W/m²	135 W/m²	135 W/m²	200 W/m²	200 W/m²
Installation Mode	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted/Arc	Wall Mounted/Floor Mounted/Arc
Maintenance Mode	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance
Signal Transmission Distance	CAT5 Cable (L≤100m), Multi-mode fiber (L≤300m), Single mode fiber (L≤10km)				

DISPLAY

Indoor & Outdoor Fixed LED

- High-end indoor/outdoor fixed LED display.
- Modular designed cabinet.
- Front/rear service designed cabinet.
- Supports attachment via magnet or screws.
- Ultra thin & no back cover cabinet.



Indoor Fixed SH Series

	DHI-PHGIA4.81-SH	DHI-PHGIA3.91-SH	DHI-PHGIA2.97-SH
Model			
Pixel Pitch	4.81mm	3.91mm	2.97mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD2121	SMD2121	SMD2121
Brightness (Max)	1000 cd/m²	1000 cd/m²	1000 cd/m²
Color Temperature	3500K-9000K (Adjustable)	3500K-9000K (Adjustable)	3500K-9000K (Adjustable)
Viewing Angle (H°/V°)	160°/140°	160°/140°	160°/140°
Pixel Density	43264 dots/m²	65536 dots/m²	112896 dots/m²
Module Size (W×H)	250×250mm	250×250mm	250×250mm
Module Resolution (W×H)	52×52 dots	64×64 dots	84×84 dots
Cabinet Size (W×H×D)	500×1000×61.3mm	500×1000×61.3mm	500×1000×61.3mm
Cabinet Resolution (W×H)	104×208 dots	128×256 dots	168×336 dots
Cabinet Weight	11.45kg±0.5	11.45kg±0.5	11.45kg±0.5
Cabinet Material	Aluminum	Aluminum	Aluminum
Cabinet Aspect Ratio	1:2	1:2	1:2
IP Rating	IP20/IP20	IP20/IP20	IP20/IP20
Operating Temperature/Humidity	-10°C~+40°C/10%~80%RH	-10°C~+40°C/10%~80%RH	-10°C~+40°C/10%~80%RH
Storage Temperature/Humidity	-20°C~+60°C/10%~80%RH	-20°C~+60°C/10%~80%RH	-20°C~+60°C/10%~80%RH
Gray Scale (Max)	14 bits	14 bits	14 bits
Contrast Ratio	5000:1	5000:1	5000:1
Refresh Rate (Max)	3840 Hz	3840 Hz	3840 Hz
Input Power Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)
Input Power (Max)	420W/m²	420W/m²	420W/m²
Input Power (Avg)	130W/m²	130W/m²	130W/m²
Installation Mode	Wall Mounted/Floor Mounted/ Hanging	Wall Mounted/Floor Mounted/ Hanging	Wall Mounted/Floor Mounted/ Hanging
Maintenance Mode	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance
Signal Transmission Distance	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)		

Indoor Fixed SH Series			Outdoor Fixed PH II Series			
Model	DHI-PHGIA2.61-SH	DHI-PHGIA1.95-SH	DHI-PHGOA10-PH	DHI-PHGOA8-PH	DHI-PHGOA6-PH	DHI-PHGOA5-PH
						
Pixel Pitch	2.61mm	1.95mm	10mm	8mm	6.67mm	5.71mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD1515	SMD1212	SMD3535	SMD3535	SMD2727	SMD2727
Brightness (Max)	1000 cd/m²	800 cd/m²	6500 nit	6500 nit	6000 nit	6000 nit
Color Temperature	3500K-9000K (Adjustable)	3500K-9000K (Adjustable)	3500K-10000K (Adjustable)	3500K-10000K (Adjustable)	3500K-10000K (Adjustable)	3500K-10000K (Adjustable)
Viewing Angle (H°/V°)	160°/140°	160°/140°	160°/90°	160°/90°	160°/90°	160°/90°
Pixel Density	147456 dots/m²	262144 dots/m²	10000 dots/m²	15625 dots/m²	22500 dots/m²	30625 dots/m²
Module Size (W×H)	250×250mm	250×250mm	480×320mm	480×320mm	480×320mm	480×320mm
Module Resolution (W×H)	96×96 dots	128×128 dots	48×32 dots	60×40 dots	72×48 dots	84×56 dots
Cabinet Size (W×H×D)	500×1000×61.3mm	500×1000×61.3mm	960×960×85mm	960×960×85mm	960×960×85mm	960×960×85mm
Cabinet Resolution (W×H)	192×384 dots	256×512 dots	96×96 dots	120×120 dots	144×144 dots	168×168 dots
Cabinet Weight	11.45kg±0.5	11.45kg±0.5	28 kg±0.5	28 kg±0.5	28 kg±0.5	28 kg±0.5
Cabinet Material	Aluminum	Aluminum	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Cabinet Aspect Ratio	1:2	1:2	1:1	1:1	1:1	1:1
IP Rating	IP20/IP20	IP20/IP20	Front IP68/Rear IP66	Front IP68/Rear IP66	Front IP68/Rear IP66	Front IP68/Rear IP66
Operating Temperature/Humidity	-10°C~+40°C/10%~80%RH	-10°C~+40°C/10%~80%RH	-40°C~+60°C/10%~80%RH	-40°C~+60°C/10%~80%RH	-40°C~+60°C/10%~80%RH	-40°C~+60°C/10%~80%RH
Storage Temperature/Humidity	-20°C~+60°C/10%~80%RH	-20°C~+60°C/10%~80%RH	-40°C~+60°C/10%~80%RH	-40°C~+60°C/10%~80%RH	-40°C~+60°C/10%~80%RH	-40°C~+60°C/10%~80%RH
Gray Scale (Max)	14 bits	14 bits	14 bits	14 bits	14 bits	14 bits
Contrast Ratio	5000:1	5000:1	6000:1	6000:1	6000:1	6000:1
Refresh Rate (Max)	3840 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz
Input Power Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)
Input Power (Max)	450W/m²	400W/m²	550 W/m²	550 W/m²	550 W/m²	550 W/m²
Input Power (Avg)	150W/m²	125W/m²	150 W/m²	150 W/m²	150 W/m²	150 W/m²
Installation Mode	Wall Mounted/Floor Mounted/Hanging	Wall Mounted/Floor Mounted/Hanging	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted
Maintenance Mode	Front/Rear Maintenance	Front/Rear Maintenance	Front&Rear Maintenance	Front&Rear Maintenance	Front&Rear Maintenance	Front&Rear Maintenance
Signal Transmission Distance	CAT5 Cable (L≤100m), Multi-mode fiber (L≤300m), Single mode fiber (L≤10km)					

DISPLAY

Outdoor Fixed PH Series

	DHI-PHGOA4.81-PH	DHI-PHGOA3.91-PH	DHI-PHGOA2.97-PH
Model			
Pixel Pitch	4.80769mm	3.90625mm	2.97619mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD1921	SMD1921	SMD1515
Brightness (Max)	5000 nit	5000 nit	4500 nit
Color Temperature	3500K-10000K (Adjustable)	3500K-10000K (Adjustable)	3500K-10000K (Adjustable)
Viewing Angle (H°/V°)	160°/120°	160°/120°	160°/120°
Pixel Density	43264 dots/m²	65536 dots/m²	112896 dots/m²
Module Size (W×H)	500×250mm	500×250mm	250×250mm
Module Resolution (W×H)	104×52 dots	128×64 dots	84×84 dots
Cabinet Size (W×H×D)	500×1000×77mm	500×1000×77mm	500×500×77mm
Cabinet Resolution (W×H)	104×208	128×256	168×168
Cabinet Weight	17kg±0.5	17kg±0.5	9kg±0.5
Cabinet Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy
Cabinet Aspect Ratio	1:2	1:2	1:1
IP Rating	Front IP68/Rear IP66		
Operating Temperature/Humidity	-40°C~+60°C/10%~80%RH		
Storage Temperature/Humidity	-40°C~+60°C/10%~80%RH		
Gray Scale (Max)	14 bits	14 bits	14 bits
Contrast Ratio	6000:1	6000:1	6000:1
Refresh Rate (Max)	3840 Hz	3840 Hz	3840 Hz
Input power frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC110~220V (+/-10%)		
Input Power (Max)	650 W/m²	650 W/m²	680 W/m²
Input Power (Avg)	180 W/m²	180 W/m²	200 W/m²
Installation Mode	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted	Wall Mounted/Floor Mounted
Maintenance Mode	Front&Rear Maintenance	Front&Rear Maintenance	Front&Rear Maintenance
Signal Transmission Distance	CAT5 Cable (L≤100m), Multi-mode fiber (L≤300m), Single mode fiber (L≤10km)		

Indoor & Outdoor Rental LED

- 500x1000mm and 500x500mm cabinet size design
- The indoor module supports front and rear maintenance
- Quick lock design, Radians support -10 °~ +10 °
- Outdoor RE series support Front IP65 and Rear IP65



Indoor Rental RE Series

	DHI-PHRIA3.91-RE	DHI-PHRIA2.97-RE	DHI-PHRIA2.61-RE	DHI-PHRIA1.95-RE
Model				
Pixel Pitch	3.91mm	2.976mm	2.604mm	1.953mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD2020	SMD2020	SMD1515	SMD1515 (GOB)
Brightness (Max)	1000 nit	1000 nit	1000 nit	1000 nit
Color Temperature	6500K-9300K (Adjustable)	6500K-9300K (Adjustable)	6500K-9300K (Adjustable)	6500K-9300K (Adjustable)
Viewing Angle	H160°/140°	H160°/140°	H160°/140°	H160°/140°
Pixel Density	65536/m²	112896dots/m²	147456dots/m²	262144dots/m²
Module Size	W250×H250mm	W250×H250mm	W250×H250mm	W250×H250mm
Module Resolution	64×64 dots	84×84 dots	96×96 dots	128×128 dots
Cabinet Size	W500×H500×D83mm	W500×H500×D83mm	W500×H500×D83mm	W500×H500×D83mm
Cabinet Resolution	128×128	168×168	192×192	256×256
Cabinet Weight	8.0 kg±0.5	8.0 kg±0.5	8.0 kg±0.5	8.0 kg±0.5
Cabinet Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Cabinet Aspect Ratio	1:1	1:1	1:1	1:1
IP Rating	Front IP20/Rear IP20	Front IP20/Rear IP20	Front IP20/Rear IP20	Front IP20/Rear IP20
Operating Temperature/Humidity	-10°C~+40°C/10%~80%RH	-10°C~+40°C/10%~80%RH	-10°C~+40°C/10%~80%RH	-10°C~+40°C/10%~80%RH
Storage Temperature/Humidity	-20°C~+60°C/10%~80%RH	-20°C~+60°C/10%~80%RH	-20°C~+60°C/10%~80%RH	-20°C~+60°C/10%~80%RH
Gray Scale	14 bits	14 bits	14 bits	16 bits
Contrast Ratio	5000:1	5000:1	5000:1	5000:1
Refresh Rate	3840 Hz	3840 Hz	3840 Hz	7680 Hz
Input Power Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Input Voltage	AC110-220V (+/-10%)	AC110-220V (+/-10%)	AC110-220V (+/-10%)	AC110-220V (+/-10%)
Input Power (Max)	<500W/m²	<500W/m²	<500W/m²	<500W/m²
Input Power (Avg)	<180W/m²	<180W/m²	<180W/m²	<180W/m²
Installation Mode	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging	Floor Mounted/Hanging
Maintenance Mode	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance
Signal Transmission Distance	CAT5 Cable (L≤100m), Multi-mode fiber (L≤300m), Single mode fiber (L≤10km)			

DISPLAY

Outdoor Rental RE Series

Model	DHI-PHROA4.81-REL	DHI-PHROA3.91-REL
		
Pixel Pitch	4.81mm	3.91mm
Pixel Configuration	1R1G1B	1R1G1B
LED Type	SMD1820	SMD1820
Brightness (Max)	4000 nit	4000 nit
Color Temperature	6500K-9300K (Adjustable)	6500K-9300K (Adjustable)
Viewing Angle	H140°/V140°	H140°/V140°
Pixel Density	43264 dots/m²	65536 dots/m²
Module Size	W250×H250mm	W250×H250mm
Module Resolution	52×52dots	64×64dots
Cabinet Size	W500×H1000×D83mm	W500×H1000×D83mm
Cabinet Resolution	104×208	128×256
Cabinet Weight	13 kg±0.5	13 kg±0.5
Cabinet Material	Die-cast Aluminum	Die-cast Aluminum
Cabinet Aspect Ratio	1:2	1:2
IP Rating	Front IP65/Rear IP65	Front IP65/Rear IP65
Operating Temperature/Humidity	-20°C~+50°C/10%~80%RH	-20°C~+50°C/10%~80%RH
Storage Temperature/Humidity	-20°C~+60°C/10%~80%RH	-20°C~+60°C/10%~80%RH
Gray Scale	14 bits	14 bits
Contrast Ratio	5000:1	5000:1
Refresh Rate	3840 Hz	3840 Hz
Input Power Frequency	50/60 Hz	50/60 Hz
Input Voltage	AC110-220V (+/-10%)	AC110-220V (+/-10%)
Input Power (Max)	<650W/m²	<650W/m²
Input Power (Avg)	<220W/m²	<220W/m²
Installation Mode	Floor Mounted/Hanging	Floor Mounted/Hanging
Maintenance Mode	Rear Maintenance	Rear Maintenance
Signal Transmission Distance	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)	CAT5 Cable (L≤100m), multi-mode fiber (L≤300m), single mode fiber (L≤10km)

DISPLAY

Indoor All-In-One LED

- The thickness of the screen body is less than 19mm
- Supports WiFi 6 for high-speed operation (2.4G and 5G bands)
- Built-in flip camera (auto-flip), fingerprint unlocking
- Supports meeting check-in through personnel identification technology
- Supports 8MP real-time preview and ultra-wide field of view (99° diagonal, 87° horizontal, 49° vertical)

Indoor All-In-One LED

	DHI-PHMA135-AC	DHI-PHMA108-CC	DHI-PHMA135-CC	DHI-PHMA163-CC	DHI-PHMA135-CF
Model					
Pixel Pitch	1.56mm	1.25mm	1.56mm	0.93mm	1.56mm
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	SMD 3 in 1	Flip COB 3 in 1	Flip COB 3 in 1	Flip COB 3 in 1	Flip COB 3 in 1
Brightness (Max)	600 nits	600 nits	600 nits	600 nits	600 nits
Color Temperature	4000K-9500K	9300K±200K	9300K±200K	9300K±200K	9300K±200K
Viewing Angle (H/V)	160°/140°	160°/160°	160°/160°	160°/160°	160°/160°
Pixel Density	409600 dots/m²	640,000 dots/m²	409,600 dots/m²	1,137,777 dots/m²	409600 dots/m²
Module Size (W×H)	150×168.75mm	150×168.75mm	150×168.75mm	150×168.75mm	300×168.75mm
Display Resolution (W×H)	1920×1080	1920×1080	1920×1080	3840×2160	1920×1080
Visible Area (H x V)	3000×1687.5mm	2400×1350mm	3000×1687.5mm	3600×2025mm	3000×1687.5mm
Overall Size (W×H×D)	3013.3mm×1823.7mm ×18.8mm	2414mm×1497mm ×34.5mm	3014mm×1834.5mm ×34.5mm	3614.0mm×2172.0mm ×34.5mm	3014mm×2630mm×770mm (Rise to the top) 1804mm×1980mm×770mm (Folding down)
Weight	120kg±0.5kg	120kg±0.5	150kg±0.5	230kg±0.5kg (Include Flight Case)	514kg (Include Flight Case)
Display Size	135 inch	108 inch	135 inch	163 inch	135 inch
Cabinet Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
IP Rating	Front IP30/Rear IP30	Front IP30/Rear IP30	Front IP30/Rear IP30	Front IP30/Rear IP30	Front IP30/Rear IP30
Operating Temperature/ Humidity	-10°C~+40°C/ 10%~90%RH	-10°C~+40°C/ 10%~90%RH	-10°C~+40°C/ 10%~90%RH	-10°C~+40°C/ 10%~90%RH	-10°C~+40°C/10%~90%RH (LED Display)
Storage Temperature/ Humidity	-20°C~+60°C/ 10%~60%RH	-20°C~+60°C/ 10%~60%RH	-20°C~+60°C/ 10%~60%RH	-20°C~+60°C/ 10%~60%RH	-10°C~+50°C/20%~80%RH
Gray Scale (Max)	14bits	13bits	13bits	13bits	13bits
Contrast Ratio	4000:1	10000:1	10000:1	10000:1	10000:1
Refresh Rate (Max)	3840 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz
Input Voltage	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC110~220V (+/-10%)	AC100~240V
Input Power (Max)	2400W	1500W	2400W	3000W	2400W
Input Power (Avg)	1000W	800W	1000W	1200W	800W
Installation Mode	Movable Base/Wall Mounted	Movable Base/Wall Mounted	Movable Base/Wall Mounted	Movable Base/Wall Mounted	Movable Base
Maintenance Mode	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance
System Memory	8G	8G	8G	8G	8G

Light Series

- Light and cost-effective plastic case
- Support 24/7 operation

Light Series

Model	DHI-LM19-L200N	DHI-LM22-L200N	DHI-LM24-L200N	DHI-LM27-L200N
Appearance				
Screen Size	19.5" (16:9)	21.45" (16:9)	23.8" (16:9)	27" (16:9)
Resolution	1600×900	1920×1080	1920×1080	1920×1080
Brightness	250cd/m ²	250cd/m ²	250cd/m ²	250cd/m ²
Contrast Ratio	600:1	3000:1	3000:1	3000:1
Viewing Angle	H 90°, V 65°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	5ms	5ms	5ms	5ms
Refresh Rate	75Hz	100Hz	100Hz	100Hz
Display Color	8bit	8bit	8bit	8bit
Input	VGA×1, HDMI×1	VGA×1, HDMI×1	VGA×1, HDMI×1	VGA×1, HDMI×1
Output	/	/	/	/
Control Mode	Physical Button	Physical Button	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~90%	10~90%	10~90%	10~90%
Power	12 VDC, 2A	12 VDC, 2A	12 VDC, 2A	12 VDC, 3A
Wall Mount VESA	100×100mm	100×100mm	100×100mm	100×100mm
Frame Width	15.9mm (U), 15.8mm (R/L), 25.1mm (D)	2.0mm (U/L/R), 22.1mm (D)	2.6mm (U/L/R), 20.6mm (D)	2.8mm (U/L/R), 19.7mm (D)
Product Dimensions	464.8×283.5×48.3mm (18.3"×11.2"×1.9")	493.1×290.8×48.4mm (19.4"×11.4"×1.9")	540.4×325.2×51.7mm (21.3"×12.8"×2.0")	615.0×365.7×50.0mm (24.2"×14.4"×2.0")
Net Weight	2.1kg (4.6lb)	2.3kg (5.1lb)	3.3kg (7.3lb)	3.8kg (8.4lb)

DISPLAY

Light Series

	DHI-LM22-J200	DHI-LM22-F200	DHI-LM24-F200	DHI-LM32-F200	DHI-LM43-F200	DHI-LM22-H200	DHI-LM24-H200
Model							
Screen Size	21.5" (16:9)	21.45" (16:9)	23.8" (16:9)	32" (16:9)	43" (16:9)	21.5" (16:9)	23.8" (16:9)
Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
Brightness	250cd/m ²	250 cd/m ²	250 cd/m ²	240 cd/m ²	330 cd/m ²	250 cd/m ²	250 cd/m ²
Contrast Ratio	1000:1	3000:1	4000:1	1400:1	1200:1	3000:1	4000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	5ms	5ms	5ms	8ms	8ms	6ms	5ms
Display Color	8bit	8bit	8bit	8bit	8bit	1.07G (8bit+FRC)	8bit
Input	VGA×1, HDMI×1	VGA×1, HDMI×1	VGA×1, HDMI×1	VGA×1, HDMI×1, USB×1	VGA×1, HDMI×1, USB×1	HDMI×1, VGA×1, Audio×1	HDMI×1, VGA×1, Audio×1
Output	Audio out×1, 2 Speakers	Earphone (Audio Out) ×1	Earphone (Audio Out) ×1	2 Speakers	2 Speakers	2 Speakers	2 Speakers
Control Mode	Physical Button	Physical Button	Physical Button	Physical Button, Infrared Remote	Physical Button, Infrared Remote	Physical Button	Physical Button
Working Temperature	0 °C to +40 °C (+32 °F to +104 °F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10%~85%	10~85%	10~85%	10~85%	10~85%	10%-90%	10%-90%
Power	12 VDC, 2A	12 VDC, 2.5A	12 VDC, 2.5A	100~240 VAC (±10%), 33W	100~240 VAC (±10%), 57W	12 VDC, 2A	12 VDC, 2A
Frame Width	2.4mm (U/L/R), 17.9mm (D)	1.1mm (U/L/R), 16.8mm (D)	1.2mm (U/L/R), 17.3mm (D)	13.8mm (U/L/R), 20.5mm (D)	12.8mm (U), 12.7mm (L/R), 20.1mm (D)	2.6mm (U/L/R), 16.7mm (D)	3.4mm (U/L/R), 21mm (D)
Wall Mount VESA	75×75mm	100×100mm	100×100mm	75×75mm	400×200mm	75×75mm	100×100mm
Product Dimensions	489.9×294.1×37.5mm (19.3" × 11.6" × 1.5")	492.2×284.9×37.6mm (19.4"×11.2"×1.5")	539.5×320.9×37.6mm (21.2"×12.6"×1.5")	731.4×432.6×67.5mm (28.8"×17"×2.7")	968.7×564.7×72.9mm (38.1"×22.2"×2.9")	491.7×285.1×38mm (19.4"×11.2"×1.5")	541.8×326.4×47mm (21.3"×12.9"×1.9")
Net Weight	2.5 kg (5.51 lb)	2.3 kg (5.11lb)	2.6kg (5.71lb)	3.8kg (8.41lb)	7kg (15.41b)	2.3kg (5.11b)	3.2kg (7.11b)

Light Series

	DHI-LM27-F400	DHI-LM43-F400	DHI-LM50-F400	DHI-LM55-F400	DHI-LM65-F400
Model					
Screen Size	27" (16:9)	43" (16:9)	50" (16:9)	55" (16:9)	65" (16:9)
Resolution	3840×2160	3840×2160	3840×2160	3840×2160	3840×2160
Brightness	350cd/m²	400cd/m²	300cd/m²	300cd/m²	350cd/m²
Contrast Ratio	1000:1	1200:1	5000:1	1200:1	1200:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	5ms	8ms	8ms	8ms	8ms
Display Color	1.07G (8bit+FRC)	1.07G (8bit+FRC)	1.07G (8bit+FRC)	1.07G (8bit+FRC)	1.07G (8bit+FRC)
Input	DP×1, HDMI×2	HDMI×2, VGA×1, USB×1, Audio×1, RS232 (RJ45)×1	HDMI×2, VGA×1, USB×1, Audio×1, RS232 (RJ45)×1	HDMI×2, VGA×1, USB×1, Audio×1, RS232 (RJ45)×1	HDMI×2, VGA×1, USB×1, Audio×1, RS232 (RJ45)×1
Output	Audio out×1, 2 Speakers	2 Speakers	2 Speakers	2 Speakers	2 Speakers
Control Mode	Physical Button	Physical Button, Infrared Remote	Physical Button, Infrared Remote	Physical Button, Infrared Remote	Physical Button, Infrared Remote
Working Temperature	0°C~+40°C (+32°F~+104°F)*	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~90%	10~80%	10~80%	20~80%	10~80%
Power	12 VDC, 4A	100~240 VAC (±10%), 117W	100~240 VAC (±10%), 110W	100~240 VAC (±10%), 84W	100~240 VAC (±10%), 190W
Frame Width	2.1mm (U/L/R), 20mm (D)	1.0mm (U/L/R), 17.9mm (D)	8.2mm (U/L/R), 22.6mm (D)	8.2mm (U/L/R), 20.7mm (D)	8.2mm (U), 2.9mm(L/R), 22.6mm (D)
Wall Mount VESA	100×100mm	200×200mm	200×200mm	200×200mm	300×300mm
Product Dimensions	613.7×368.2×48.7mm (24.2"×14.5"×1.9")	957×557.1×97.4mm (37.7"×21.9"×3.8")	1113.04×649×87.2mm (43.8"×25.6"×3.4")	1230.1×713.4×85.6mm (48.4"×28.1"×3.4")	1446.3×838.4×77.6mm (56.9"×33"×3.1")
Net Weight	4.5kg (9.9lb)	6.8kg (14.9lb)	10.4kg (22.9lb)	11.9kg (26.2lb)	18.6kg (41.0lb)

Ultra Series

- Reliable metal case.
- Support 24/7 operation.
- Abundant interfaces meet different application scenarios.



DISPLAY

Ultra Series

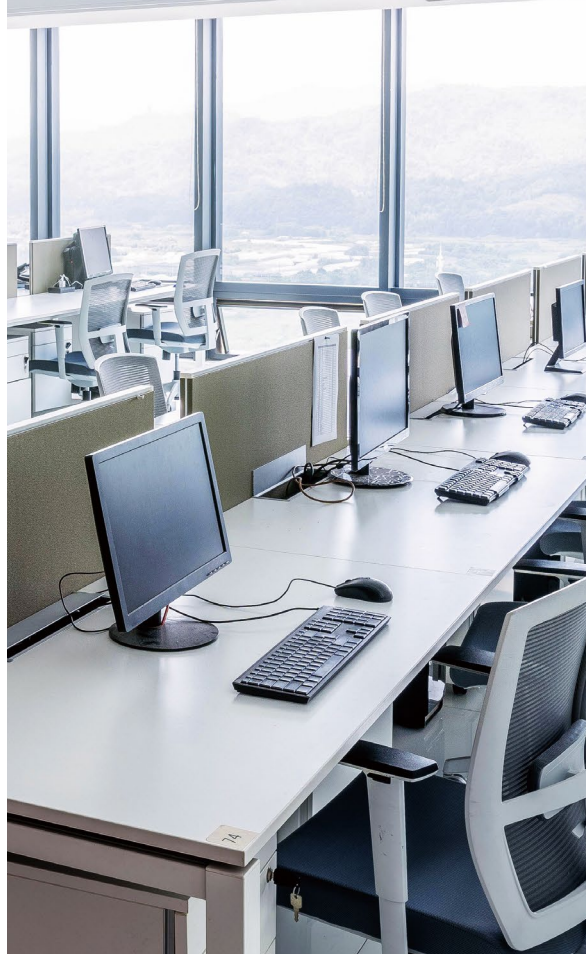
Model	DHI-LM32-S200	DHI-LM43-S200	DHI-LM50-S200	DHI-LM55-S200
Appearance				
Screen Size	32"(16:9)	43"(16:9)	50"(16:9)	55"(16:9)
Resolution	1920×1080	1920×1080	1920×1080	1920×1080
Brightness	500cd/m ²	500cd/m ²	500cd/m ²	500cd/m ²
Contrast Ratio	1200:1	1200:1	5000:1	1200:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	8ms	8ms	6ms	8ms
Display Color	8bit	8bit	10bit	10bit
Input	HDMI×1, VGA(D-Sub)×1, DVI-D×1, CVBS(BNC)×1, Audio×1, RS232(RJ45)×1, USB×2, IR×1	HDMI×1, VGA(D-Sub)×1, DVI-D×1, CVBS(BNC)×1, Audio×1, RS232(RJ45)×1, USB×2, IR×1	HDMI×1, VGA(D-Sub)×1, DVI-D×1, CVBS(BNC)×1, Audio×1, RS232(RJ45)×1, USB×2, IR×1	HDMI×1, VGA(D-Sub)×1, DVI-D×1, CVBS(BNC)×1, Audio×1, RS232(RJ45)×1, USB×2, IR×1
Output	HDMI×2, VGA×1, CVBS(BNC)×1, Audio out×1, RS232(RJ45)×1, 2 Speakers	HDMI×2, VGA×1, CVBS(BNC)×1, Audio out×1, RS232(RJ45)×1, 2 Speakers	HDMI×2, VGA×1, CVBS(BNC)×1, Audio out×1, RS232(RJ45)×1, 2 Speakers	HDMI×2, VGA×1, CVBS(BNC)×1, Audio out×1, RS232(RJ45)×1, 2 Speakers
Control Mode	RS232, Infrared Remote	RS232, Infrared Remote	RS232, Infrared Remote	RS232, Infrared Remote
Working Temperature	"0°C~+40°C (+32°F~+104°F)"	"0°C~+40°C (+32°F~+104°F)"	"0°C~+40°C (+32°F~+104°F)"	"0°C~+40°C (+32°F~+104°F)"
Working Humidity	10~85%	10~85%	10~85%	10~85%
Power	100~240 VAC (±10%), 60W	100~240 VAC (±10%), 65W	100~240 VAC (±10%), 110W	100~240 VAC (±10%), 133W
Frame Width	5mm (U/L/R), 7.5mm (D)	5mm (U/L/R), 7.5mm (D)	5mm (U/L/R), 6.5mm (D)	5mm (U/L/R), 8.5mm (D)
Wall Mount VESA	200×200mm	200×200mm	400×300mm	400×300mm
Product Dimensions	723.4×418.1×51.1mm (28.5"×16.5"×2.0")	966.4×554.9×51.1mm (38.0"×21.8"×2.0")	1120.8×641.4×51.1mm (44.1"×25.3"×2.0")	1235.6×706.9×51.1mm (48.6"×27.8"×2.0")
Net Weight	7.0kg (15.4lb)	11.5kg (25.4lb)	14.0kg (30.9lb)	16.3kg (35.9lb)

Ultra Series

Model	DHI-LM43-S400	DHI-LM49-S400	DHI-LM55-S400	DHI-LM75-S400	DHI-LM86-S400	DHI-LM98-S400
Appearance						
Screen Size	43" (16:9)	49" (16:9)	55" (16:9)	75" (16:9)	86" (16:9)	98" (16:9)
Resolution	3840×2160	3840×2160	3840×2160	3840×2160	3840×2160	3840×2160
Brightness	450 cd/m ²	450 cd/m ²	450 cd/m ²	350cd/m ²	350cd/m ²	350cd/m ²
Contrast Ratio	1000:1	1000:1	1000:1	1200:1	1100:1	6000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	8ms	8ms	6ms	8ms	8ms	6.5ms
Display Color	10bit	10bit	10bit	1.07G (8bit+FRC)	10bit	1.07G (8bit+FRC)
Input	DP×1, HDMI×2, VGA (D-Sub)×1, USB multimedia×1, Audio×1, RS232 (RJ45)×1	DP×1, HDMI×2, VGA (D-Sub)×1, USB multimedia×1, Audio×1, RS232 (RJ45)×1	DP×1, HDMI×2, VGA (D-Sub)×1, USB multimedia×1, Audio×1, RS232 (RJ45)×1	DP×1, HDMI×2, VGA (D-Sub)×1, USB multimedia×1, Audio×1, RS232 (RJ45)×1	DP×1, HDMI×2, VGA (D-Sub)×1, USB multimedia×1, Audio×1, RS232 (RJ45)×1	DP×1, HDMI×2, VGA (D-Sub)×1, USB multimedia×1, Audio×1, RS232 (RJ45)×1
Output	RS232 (RJ45)×1, 2 Speakers	RS232 (RJ45)×1, 2 Speakers	RS232 (RJ45)×1, 2 Speakers	RS232 (RJ45)×1, 2 Speakers	RS232 (RJ45)×1, 2 Speakers	RS232 (RJ45)×1, 2 Speakers
Control Mode	RS232, Infrared Remote	RS232, Infrared Remote	RS232, Infrared Remote	RS232, Infrared Remote	RS232, Infrared Remote	RS232, Infrared Remote
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~85%	10~85%	10~85%	10~80%	10~80%	10~80%
Power	100~240 VAC (±10%), 105W	100~240 VAC (±10%), 145W	100~240 VAC (±10%), 170W	100~240 VAC (±10%), 300W	100~240 VAC (±10%), 320W	100~240 VAC (±10%), 480W
Frame Width	8mm (U/L/R/D)	8mm (U/L/R/D)	8mm (U/L/R/D)	27.2mm (U/L/R/D)	27.2mm (U/L/R/D)	7mm (U/L/R/D)
Wall Mount VESA	400×400mm	400×400mm	400×400mm	600×400mm	800×400mm	800×500mm
Product Dimensions	960.7×550.7×65.0mm (37.8"×21.7"×2.6")	1091.5×623.2×65.0mm (43.0"×24.5"×2.6")	1227.2×699.6×65.0mm (48.3"×27.5"×2.6")	1706.6×984.7×78.7mm (67.2"×38.8"×3.1")	1952.8×1123.4×78.9mm (76.9"×44.2"×3.1")	2204.5×1264.4×89.0mm (86.8"×49.8"×3.5")
Net Weight	16.6kg (36.6lb)	20.5kg (45.2lb)	25.2kg (55.6lb)	36.5kg (80.5 lb)	46.5kg (102.5 lb)	92kg (202.8 lb)

Commercial Series

- For desktop use, cost-effective
- Ultra-narrow bezel design, elegant appearance



DISPLAY

Commercial Series

	LM22-A200Y	LM24-A200Y
Model		
Screen Size	21.45" (16:9)	23.8" (16:9)
Resolution	1920×1080	1920×1080
Brightness	250 cd/m ²	250 cd/m ²
Contrast Ratio	3000:1	3000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°
Response Time	10ms	10ms
Refresh rate	100Hz	100Hz
Display Color	16.7M	16.7M
Input	1×VGA, 1×HDMI	1×VGA, 1×HDMI
Output	/	/
Control	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~90%	10~90%
Power	DC 12V, 2A	DC 12V, 2.5A
VESA	75×75mm	75×75mm
Bezel Width	3.3mm (U/R/L), 15.2mm (B)	3.3mm (U/R/L), 17mm (B)
Product Dimensions	492.7 × 284.0 × 41.2 mm	539.2 × 320.4 × 41.3 mm
Net Weight	2.05 kg	2.79 kg

Commercial Series

Model	LM25-B221B	LM27-B221B	LM22-B200S	LM24-B200S
Appearance				
Screen Size	24.5"(16:9)	27"(16:9)	21.45" (16:9)	23.8" (16:9)
Resolution	1920×1080	1920×1080	1920×1080	1920×1080
Brightness	300 cd/m ²	300 cd/m ²	250 cd/m ²	250 cd/m ²
Contrast Ratio	1500: 1	1300: 1	3000:1	3000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	MPRT 1 ms	MPRT 1 ms	5ms	5ms
Refresh rate	144Hz	144Hz	100Hz	100Hz
Display Color	8bit	8bit	8bit	8bit
Input	1× HDMI, 1× DP	1× HDMI, 1× DP	1 VGA, 1 HDMI	1 VGA, 1 HDMI
Output	Audio out	Audio out	Speaker 1W*2	Speaker 1W*2
Control	Physical Button	Physical Button	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~85%	10~85%	10~85%	10~85%
Power	DC12V,2.5A	DC12V,2.5A	DC12V, 2A	DC12V, 2.5A
VESA	100×100mm	100×100mm	75mm	75mm
Bezel Width	2.1 mm/2.1 mm/2.1 mm (U/R/L), 19.6 mm (B)	3.1 mm/3.1 mm/3.1 mm (U/R/L), 20.9 mm (B)	3.3mm (U/R/L), 15.2mm (B)	3.1mm (U/R/L), 15.9mm (B)
Product Dimensions	557.7 × 330.6 × 58.1 mm	614.3 × 366.8 × 57.2 mm	492.7×284.0×46.7mm	539.2×320.4×46.3mm
Net Weight	2.9kg	3.7kg	2kg	2.74kg

DISPLAY

Commercial Series

Model	LM27-B200S	LM24-B201E	LM27-B201E	LM22-B201S	LM24-B201S
Appearance					
Screen Size	27" (16:9)	23.8" (16:9)	27" (16:9)	21.45" (16:9)	23.8" (16:9)
Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
Brightness	250 cd/m ²	300 cd/m ²	300 cd/m ²	250 cd/m ²	250 cd/m ²
Contrast Ratio	3000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	5ms	7ms	7ms	5ms	5ms
Refresh rate	100Hz	100Hz	100Hz	100Hz	100Hz
Display Color	8bit	8bit	8bit	8bit	8bit
Input	1 VGA, 1 HDMI	1 VGA, 1 HDMI, 1 DP	1 VGA, 1 HDMI, 1 DP	1 VGA, 1 HDMI	1 VGA, 1 HDMI
Output	Speaker 1W*2	Audio out	Audio out	Speaker 1W*2	Speaker 1W*2
Control	Physical Button	Physical Button	Physical Button	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~85%	10~85%	10~85%	10~85%	10~85%
Power	DC 12V, 3A	DC12V, 2.5A	DC 12V,3A	DC12V	DC12V,2.5A
VESA	75×75mm	75×75mm	75×75mm	75×75mm	75×75mm
Bezel Width	4.0mm (U/R/L), 16.1mm(B)	1.6mm (U/R/L), 15.9mm (B)	1.6mm (U/R/L), 15.9mm(B)	3.3mm (U/R/L), 15.2mm (B)	3.1mm (U/R/L), 15.9mm (B)
Product Dimensions	614.1×363×45.1mm	538.2×319.2×36.4mm	612×364.4×40.2mm	492.7×284.0×46.7mm	539.2×320.4×46.3mm
Net Weight	3.84kg	2.94kg	4.12kg	2kg (4.4lb)	2.74kg

Commercial Series

Model	LM27-B201S	LM25-B200BS	LM22-B201A	LM24-B201A	LM27-B201A
					
Screen Size	27" (16:9)	24.5" (16:9)	21.45" (16:9)	23.8" (16:9)	27" (16:9)
Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080
Brightness	250 cd/m ²	250 cd/m ²	250 cd/m ²	250 cd/m ²	250 cd/m ²
Contrast Ratio	1000:1	3000:1	1000:1	1000:1	1000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	5ms	5ms	6ms	6ms	6ms
Refresh rate	100Hz	100Hz	100Hz	100Hz	100Hz
Display Color	8bit	8bit	8bit	8bit	8bit
Input	1 VGA, 1 HDMI	1 VGA, 1 HDMI	1 VGA, 1 HDMI, 1 DP	1 VGA, 1 HDMI, 1 DP	1 VGA, 1 HDM, 1 DP
Output	Speaker 1W*2	Speaker 1W*2	/	/	/
Control	Physical Button	Physical Button	Physical Button	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~85%	10~85%	10~85%	10~85%	10~85%
Power	DC 12V, 3A	DC12V, 2.5A	DC12V, 2A	DC12V, 2.5A	DC 12V, 3A
VESA	75×75mm	75×75mm	75×75mm	100×100mm	100×100mm
Bezel Width	4.0mm (U/R/L), 16.1mm (B)	1.7mm (U/R/L), 16mm (B)	2.2mm (U/R/L), 12.5mm (B)	3.7mm (U/R/L), 15.0mm (B)	2.65mm (U/R/L), 12.45mm (B)
Product Dimensions	614.1×363×45.1mm	558.1×328.1×41.3mm	492.7×280.9×50.8mm	540×320.5×60.3mm	615.3×360.5×65.6mm
Net Weight	3.84kg	2.74kg	2.96kg	4.8kg	5.2kg

DISPLAY

Commercial Series

Model	LM24-P301A	LM27-P301A	LM32-P301A	LM27-U401A
				
Screen Size	23.8" (16:9)	27" (16:9)	31.5" (16:9)	27" (16:9)
Resolution	2560×1440	2560×1440	2560×1440	3840×2160
Brightness	320 cd/m ²	350 cd/m ²	350 cd/m ²	300 cd/m ²
Contrast Ratio	1000:1	1000:1	1200:1	1000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	6ms	5ms	4ms	5ms
Refresh rate	75Hz	75Hz	75Hz	60Hz
Display Color	8bit	8bit	8bit	10bit
Input	1 HDMI 2.1, 1 DP 1.4, 1 TypeC 65W	1 HDMI 2.1, 1 DP 1.4, 1 TypeC 65W	1 HDMI 2.0, 1 DP 1.2, 1 TypeC 65W	DPI.4×1, HDMI2.0×1, Type-C (65W)×1, USB-A×2, USB-B×1
Output	Audio out	Audio out	Audio out	Audio out
Control	Physical Button	Physical Button	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~85%	10~85%	10~85%	10~85%
Power	100~240V~, 50/60Hz, 2.0A	100~240V~, 50/60Hz, 2.0A	DC 19V, 7.89A	DC 12V, 2.5A
VESA	75×75mm	75×75mm	75×75mm	100×100mm
Bezel Width	6.4mm (U/L/R), 18.2mm (B)	8.3mm (U/L/R), 19.3mm (B)	9.9mm (U/L/R), 18.99mm (B)	2.7mm (U/L/R), 20mm (B)
Product Dimensions	539.6×513.5×194.3mm with Stand	613.3×543.4×194.3mm with Stand	718.59×601.96×256.06mm with Stand	613.7×200×540.7mm
Net Weight	5.7kg	5.98kg	7.7kg	5.4kg

Commercial Series

	LM24-C301B	LM27-C301B	LM32-C301B
Model			
Screen Size	23.8" (16:9)	27" (16:9)	31.5" (16:9)
Resolution	2560×1440	2560×1440	2560×1440
Brightness	300 cd/m ²	300 cd/m ²	300 cd/m ²
Contrast Ratio	1200:1	1200:1	1200:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	5ms	5ms	5ms
Refresh rate	100Hz	100Hz	75Hz
Display Color	8bit	8bit	8bit
Input	1× HDMI, 1× DP	1× HDMI, 1× DP	1× HDMI, 1× DP
Output	Audio out	Audio out	Audio out
Control	Physical Button	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~90%	10~90%	10~90%
Power	DC12V, 2.5A	DC12V, 3A	DC12V, 4A
VESA	75×75mm	75×75mm	75×75mm
Bezel Width	3.1 mm (U/R/L), 15.9 mm (B)	1.9mm (U/R/L), 16.1mm (B)	1.4mm (U/R/L), 18.1mm (B)
Product Dimensions	539.2×320.4×41.3 mm	614.1×363.0×51.1mm	796×515×128 mm
Net Weight	3.1kg	4.8kg	6.65kg

Gaming Series

- High refresh rate and fast response time
- Ultra-narrow bezel design, elegant appearance
- Excellent Entertainment Experience of Gaming mode

DISPLAY

Gaming Series

	LM25-E231BN	LM27-E231BN	LM24-E230C
Model			
Screen Size	24.5" (16:9)	27" (16:9)	23.6" (16:9)
Resolution	1920×1080	1920×1080	1920×1080
Brightness	300 cd/m ²	300 cd/m ²	250 cd/m ²
Contrast Ratio	1000:1	1000:1	3000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	0.5ms	0.5ms	MPRT 1ms
Refresh rate	200Hz	200Hz	180Hz
Display Color	8bit	8bit	8bit
Input	1 DP 1.4, 1 HDMI 2.0	1 DP 1.4, 1 HDMI 2.0	1 DP 1.2, 2 HDMI 1.4
Output	Audio out	Audio out	Audio out
Control	Physical Button	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~85%	10~85%	10~85%
Power	DC 12V 3A	DC 12V 4A	DC 12V, 2.5A
VESA	100×100mm	100×100mm	75×75mm
Bezel Width	2.01mm (U/R/L), 19.61mm (B)	5.5mm (U/R/L), 20.9mm (B)	2.4mm (U/R/L), 16mm (B)
Product Dimensions	557.7×330.6×58mm	614.3×366.8×57.2mm	537.9×333.5×74mm
Net Weight	3.1kg	3.8kg	3.2kg

Gaming Series

	LM27-E230C	LM30-E330CA	LM34-E330C	LM27-E331A
Model				
Screen Size	27" (16:9)	30" (21:9)	34" (21:9)	27" (16:9)
Resolution	1920×1080	2560×1080	3440×1440	2560×1440
Brightness	250 cd/m ²	250 cd/m ²	350 cd/m ²	300 cd/m ²
Contrast Ratio	3000:1	3000:1	3000:1	1000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	MPRT 1ms	MPRT 1ms	MPRT 1ms	1ms
Refresh rate	180Hz	200Hz	180Hz	180Hz
Display Color	8bit	8bit	8bit	8bit
Input	1 DP 1.2, 2 HDMI 1.4	2×HDMI 2.0 (180HZ), 2×DP1.2 (200HZ)	2×HDMI 2.0, 2×DP1.4,	DP1.4×2, HDMI 2.1×2, USB×1 (only upgrade)
Output	Audio out	Audio out	Audio out	Audio out
Control	Physical Button	Physical Button	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~85%	10~85%	10~85%	10~85%
Power	DC 12V, 3A	DC 12V, 4A	DC 12V, 4A	DC 12V, 4.5A
VESA	75×75mm	75×75mm	75×75mm	100×100mm
Bezel Width	4.01mm (R/L), 4.02mm (U), 18mm (B)	7.65mm (U), 18.7mm (B), 8.17mm (L/R)	9.8mm (U/L/R), 18.09mm (B)	19.2mm (B), 5.6mm (U/L/R)
Product Dimensions	613×365.2×79.6mm	701.1×317.6×121.7mm	808.65×129.59×363.33mm	556.38×328.44×67.20mm
Net Weight	4kg	6.5kg	7.24kg	4.7kg

DISPLAY

Gaming Series

	LM27-E341A	DHI-LM25-E241A	DHI-LM27-E240A	DHI-LM27-GO34A	DHI-LM32-GO43A
Model					
Screen Size	27" (16:9)	25" (16:9)	27" (16:9)	26.5" (16:9)	32" (16:9)
Resolution	2560×1440	1920×1080	1920×1080	2560×1440	3840×2160
Brightness	300 cd/m²	300 cd/m²	300 cd/m²	400 cd/m²	400 cd/m²
Contrast Ratio	1000:1	1000:1	4000:1	1500000:1	1500000:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	0.5ms	MPRT 1ms	MPRT 1ms	0.03 ms	0.03 ms
Refresh rate	240Hz	320Hz	300Hz	240Hz	165 Hz
Display Color	8 bit + FRC	8bit	8bit	10bit	10bit
Input	2×DP1.4, 2×HDMI 2.0,	2×DP 1.4, 2×HDMI 2.1	2×DP 1.4, 2×HDMI 2.1	1× DP 1.4, 2×HDMI 2.1	1× DP 1.4, 2 × HDMI 2.1, 2 × USB-A 2.0, 1 × USB-B, 1 × Type-C (65 W)
Output	Audio out	Audio out	Audio out	Speaker 5W×2, Audio out	Speaker 5W×2, Audio out
Control	Physical Button	Physical Button	Physical Button	Physical Button	Physical Button
Working Temperature	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)	0°C~+40°C (+32°F~+104°F)
Working Humidity	10~85%	5%~90%	5%~90%	5%~90%	5%~90%
Power	DC 12V 4A	DC 12V 4A	DC 12V 4A	DC 24V 5A	DC 24V 10A
VESA	100×100mm	100×100mm	100×100mm	75 mm×75 mm	75 mm×75 mm
Bezel Width	23mm (B), 8.4mm (U), 9.07mm (L/R)	16.4mm(B), 2.4mm(U/L/R)	17.4mm (B), 2.2mm (U/L/R)	9.4mm (B), 2.2mm (U/L/R)	9.7mm (B), 1.6mm (U/L/R)
Product Dimensions	614.3×366.8×57.2mm (Without Stand)	557.7×327.3×67.9mm (Without Stand)	613.8×362.5×67.9mm (Without Stand)	610.7×351.7×63.2mm (Without Stand)	713.9×412.7×00.9mm (Without Stand)
Net Weight	4.7kg	4.65kg	5.58 kg	5.5 kg	6.5 kg

Smart Movable Display

- This product is like a large-sized smartphone, or rather a large-sized tablet, with a sufficiently large display screen, high resolution, and mobile capabilities.



Smart Monitor

	LM32-U400P	LM32-U400PN	LM27-U200PM
Model			
Screen Size	31.5" (16:9)	31.5" (16:9)	27" (16:9)
Resolution	3840×2160	3840×2160	1920×1080
Brightness	350nit	320nit	350nit
Contrast Ratio	3000:1	3000:1	1300:1
Viewing Angle	H 178°, V 178°	H 178°, V 178°	H 178°, V 178°
Response Time	20ms	20ms	14ms
Refresh Rate	60Hz	60Hz	60Hz
Display Color	1.07B (10bit)	1.07B (10bit)	16.7M (6 bits + FRC)
Interface	Mini HDMI × 1, TYPE C × 1	Mini HDMI × 1, TYPE C × 1	HDMI × 1, TYPE C × 1
Operating System	Android 11.0	Android 13.0	Android 14.0
Storage	8 GB + 128 GB	8 GB + 128 GB	4 GB + 64 GB
Camera	8MP	8MP	8MP
Speaker	2×10W	2×10W	2 × (10W+ 5W)
Package Size	1345×227×567mm	837×235×632mm	870×220×637mm
Net Weight	22.1kg	22.8kg	22.6kg

SG Series

- Narrow bezel design makes the effect more realistic.
- Find new favorites with voice search. Jump right to a show or movie just by saying it, or try browsing with a voice search like "find action movies".
- Simplify your entertainment experience with Google TV. Discover 700,000+ movies and shows in one place.
- Cast your photos, videos, and music from devices to your TV easily with Chromecast built-in.



DISPLAY

SG Series

	DHI-LTV43-SG400	DHI-LTV50-SG400	DHI-LTV55-SG400
Model			
Aspect Ratio	42.51"	49.51"	54.64"
Resolution	16:9	16:9	16:9
Backlight	3840×2160	3840×2160	3840×2160
Interface	DLED	DLED	DLED
Built-in Speakers	HDMI 2.1*2, HDMI-eARC, mini AV-In*1, USB 2.0*2, RJ-45*1, Tuner*1/2, CI+(optional)	HDMI 2.1*2, HDMI-eARC, mini AV-In*1, USB 2.0*2, RJ-45*1, Tuner*1/2, CI+(optional)	HDMI 2.1*2, HDMI-eARC, mini AV-In*1, USB 2.0*2, RJ-45*1, Tuner*1/2, CI+(optional)
Line Output	8W*2	8W*2	8W*2
Bluetooth (Version)	1 Audio Out, 1 SPDIF Out	1 Audio Out, 1 SPDIF Out	1 Audio out, 1 SPDIF Out
Dolby	5.1	5.1	5.1
System	DolbyDigital; DolbyDigitalPlus; Dolby AC-4; Dolby Vision (optional); Dolby Atmos (optional)	DolbyDigital; DolbyDigitalPlus; Dolby AC-4; Dolby Vision (optional); Dolby Atmos (optional)	DolbyDigital; DolbyDigitalPlus; Dolby AC-4; Dolby Vision (optional); Dolby Atmos (optional)
Configuration	Android 14	Android 14	Android 14
Network Mode	RAM 2GB, ROM 8GB	RAM 2GB, ROM 8GB	RAM 2GB, ROM 8GB
Network Mode	Wifi, Wired	Wifi, Wired	Wifi, Wired

SG Series

	DHI-LTV58-SG400	DHI-LTV65-SG400	DHI-LTV75-SG400	DHI-LTV86-SG400
Model				
Screen Size	58"	64.53"	75"	85.60"
Aspect Ratio	16:9	16:9	16:9	16:9
Resolution	3840×2160	3840×2160	3840×2160	3840×2160
Backlight	DLED	DLED	DLED	DLED
Interface	HDMI 2.1*2, HDMI-eARC, mini AV-In*1, USB 2.0*2, RJ-45*1, Tuner*1/2, CI+(optional)	HDMI 2.1*2, HDMI-eARC, mini AV-In*1, USB 2.0*2, RJ-45*1, Tuner*1/2, CI+(optional)	HDMI 2.1*2, HDMI-eARC, mini AV-In*1, USB 2.0*2, RJ-45*1, Tuner*1/2, CI+(optional)	HDMI 2.1*2, HDMI-eARC, mini AV-In*1, USB 2.0*2, RJ-45*1, Tuner*1/2, CI+(optional)
Built-in Speakers	8W*2	8W*2	12Wx2	12Wx2
Line Output	1 Audio out,1 SPDIF Out	1 Audio Out, 1 SPDIF Out	1 Audio out,1 SPDIF Out	1 Audio Out, 1 SPDIF Out
Bluetooth(Version)	5.1	5.1	5.1	5.1
Dolby	DolbyDigital; DolbyDigitalPlus; Dolby AC-4; Dolby Vision (optional); Dolby Atmos (optional)	DolbyDigital; DolbyDigitalPlus; Dolby AC-4; Dolby Vision (optional); Dolby Atmos (optional)	DolbyDigital; DolbyDigitalPlus; Dolby AC-4; Dolby Vision (optional); Dolby Atmos (optional)	DolbyDigital; DolbyDigitalPlus; Dolby AC-4; Dolby Vision (optional); Dolby Atmos (optional)
System	Android 14	Android 14	Android 14	Android 14
Configuration	RAM 2GB, ROM 8GB	RAM 2GB, ROM 8GB	RAM 2GB, ROM 8GB	RAM 2GB, ROM 8GB
Network Mode	Wifi, Wired	Wifi, Wired	Wifi, Wired	Wifi, Wired

CONTROL

Matrix

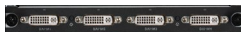
- Enhanced processing capabilities.
- Flexible configuration with slotted design.
- Splicing control modes: zoom/merge/roam/overlay.
- Supports multiple connection types.

Matrix

	M80-S24	M70-7U-E
Model		
Screen Quantity	96 Screens	60 Screens
Splicing Control Modes	Zoom/Merge/Roam/Overlay	Zoom/Merge/Roam/Overlay
Card Slots	1 main slot and 24 service slots	1 Main slot, 1 Control Slot and 10 Service Slots
Max Encoding	48CH@32MP (25fps)/96H@8MP (60fps)/192CH@8MP (30fps)/864CH@1080P (30fps)	40CH 1080P@60
Local Video Input	HDMI (DVI&VGA with converter)	HDMI&DVI (VGA with Converter)
Network Video Input	IPC/DVR/NVR, etc.	IPC/DVR/NVR, etc.
Video Output	HDMI(VGA&DVI with converter)	HDMI (VGA&DVI with Converter)
Processor	64 high-performance octa-core processor	64 Bit Quad Core Processor
Bus	Dual bus for the network and serial port	PCI-E, Ethernet
Case	8U 19"	4U 19"
Ethernet	4*RJ-45 ports(10/100/1000M) and 2*10Gbps optical port	2 RJ-45 ports
USB	1 USB 3.0 and 1 USB 2.0	3 USB2.0, 1 USB3.0
Power	100-127V AC, 100-240V AC	AC100~240V
Control Modes	WEB/Video Platform/Network Keyboard/Pad	WEB/Video Platform/Network Keyboard/Pad
Highlights	8K & H.265 decoding, YUV444 Lossless Image Quality, Stable Resolution Even at 4K, Main and Hot Standby Control, Easy O&M through the Touch Screen, LED Display Compatibility	8K & H.265 & H.265+ decoding, Fisheye Dewarp, 4K Local Signal Collection

M80-S24 Encoding Cards			M80-S24 Decoding Cards
Model	VEC0205EHP-M80	VEC0405HH-M80	VDC0405EH-M80
			
Type	HDMI/DP Encoding Output	HDMI Encoding Output	HDMI Decoding Output
Video Interface	2CH HDMI/DP	4CH HDMI	4CH HDMI
Split Mode	--	--	1/4/6/8/9/16/25/36
Capability	Max 2CH 4096×2160@60	Max 4CH 1920×1200@@60	2CH 32MP (25 fps)/4CH 8MP (60 fps)/ 8CH 8MP (30 fps)/36CH 1080p (30 fps)

CONTROL

M70-4U-E Encoding Cards				M70-4U-E Decoding Cards
Model	VIC0201UH-M70	VEC0404HH-M70	VEC0404HD-M70	VDC0605H-M70
				
Type	HDMI Input Card	HDMI Encoding Input	DVI Encoding Input	HDMI Decoding Output
Video Interface	2CH HDMI	4CH HDMI	4CH DVI-I (HDMI & VGA with Convertor)	6CH HDMI
Split Mode	--	--	--	1/4/6/8/9/16/25/36
Capability	2CH 3840x2160@30	4CH 1080@60	4CH 1080@60	2CH 32MP (25fps)/8CH 12MP (15fps)/ 8CH 4K/32CH 1080P/72CH 720P/128CH D1

Splicing Processor

Splicing Processor

	DSCON2100-0410H	DSCON2100-0412H	DSCON2100-0416H	DSCON8000
Model				
Screen Quantity	10 Screens	12 Screens	16 Screens	96 Screens
Splicing Control	Zoom/Merge/Roam/Overlay	Zoom/Merge/Roam/Overlay	Zoom/Merge/Roam/Overlay	Zoom/Merge/Roam/Overlay
Card Slots	0	0	0	13
Max input	1CH 3840 × 2160(60Hz)/ 2CH 3840 × 2160(30 Hz) / 4CH 1920 × 1080(60Hz) Supports the custom EDID	1CH 3840 × 2160(60Hz)/ 2CH 3840 × 2160(30 Hz) / 4CH 1920 × 1080(60Hz) Supports the custom EDID	1CH 3840 × 2160(60Hz)/ 2CH 3840 × 2160(30 Hz) / 4CH 1920 × 1080(60Hz) Supports the custom EDID"	14CH 3840 × 2160(60Hz)/ 28CH 1920 × 1080(60Hz) Supports the custom EDID
Max Decoding	1CH@32MP(30fps)/ 2CH@12MP(30fps)/ 4CH@8MP (30fps)/ 5CH@6MP (30fps)/8CH 4MP(30fps)/16CH@2MP(30fps)	1CH@32MP(30fps)/ 2CH@12MP(30fps)/ 4CH@8MP(30fps)/ 5CH@6MP(30fps)/8CH4MP(30fps)/16CH@2MP(30fps)	1CH@32MP(30fps)/ 2CH@12MP(30fps)/ 4CH@8MP(30fps)/ 5CH@6MP(30fps)/8CH4MP(30fps)/16CH@2MP(30fps)	\
Local Video Input	2CH HDMI 2.0, 2CH HDMI 1.3	2CH HDMI 2.0, 2CH HDMI 1.3	2CH HDMI 2.0, 2CH HDMI 1.3	Max 14CH HDMI 2.0, Max 28CH HDMI 1.3
Network Video Input	IPC/DVR/NVR, etc.	IPC/DVR/NVR, etc.	IPC/DVR/NVR, etc.	\
Video Output	HDMI (VGA&DVI with converter)	HDMI (VGA&DVI with converter)	HDMI(VGA&DVI with converter)	HDMI (VGA&DVI with converter), RJ45
Intercom	1-ch 3.5 mm plug	1-ch 3.5 mm plug	1-ch 3.5 mm plug	1-ch 3.5 mm plug
Processor	Embedded processor	Embedded processor	Embedded processor	Embedded processor
Bus	/	/	/	Dual bus for the network and serial port
Case	1.5U	1.5U	1.5U	5U
Ethernet	2 RJ-45 ports (10/100/1000M)	2 RJ-45 ports (10/100/1000M)	2 RJ-45 ports (10/100/1000M)	2 RJ-45 ports (10/100/1000M)
USB	3 USB	3 USB	3 USB	1 USB
Power	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Control Mode	WEB/Video Platform/Network Keyboard/Pad	WEB/Video Platform/Network Keyboard/Pad	WEB/Video Platform/Network Keyboard/Pad	WEB/Video Platform/Network Keyboard/Pad
Highlights	8K & H.265 decoding, Multimedia shortcut actions, 4K acquisition, Copying signals for multiple channels	8K & H.265 decoding, Multimedia shortcut actions, 4K acquisition, Copying signals for multiple channels	8K & H.265 decoding, Multimedia shortcut actions, 4K acquisition, Copying signals for multiple channels	Lossless Image Quality, Stable Resolution Even at 4K, Main and Hot Standby Control, Easy O&M through the Touch Screen, LED Display Compatibility

Decoders

- Super decoding performance, maximum 32 megapixel decoding.
- Supports 8K & H.265/H.265+ decoding.
- Supports fisheye dewarp.
- Supports local PC&NVR signal collection.
- Splicing control modes: zoom/merge/roam/overlay.
- Compatible with video management platform.

CONTROL

4K Series

	NVD0105DH-4K	NVD0605DU (-2I)	NVD0905DU (-4I)
Model			
Screen Quantity	1 Screen	6 Screens	9 Screens
Splicing Control Modes	Zoom/Roam/Overlay	Zoom/Merge/Roam/Overlay	Zoom/Merge/Roam/Overlay
Split Mode	1/4/9/16/25/36/64	1/4/6/8/9/16/25/36	1/4/6/8/9/16/25/36
Max Decoding	1ch 32MP(25fps)/3ch 12MP(15fps)/ 4ch 8MP/16ch 1080P/ 36ch 720P/64ch DI	2CH@32MP(25fps)/7CH@12MP(25fps)/ 10CH@8MP(25fps)/14CH@6 MP(25fps)/ 18CH@5MP(25fps)/21CH@4 MP(25fps)/ 28CH@3MP(25fps)/43CH @1080p(25fps)/ 108CH@DI(25fps)	3CH@32MP(25fps) /9CH@12MP(25fps)/ 14CH@8MP(25fps)/18CH@6 MP(25fps)/ 24CH@5MP(25fps)/29CH@4 MP(25fps)/ 37CH@3MP(25fps)/57CH @1080p(25fps)/ 192CH@DI(25fps)
Local Video Input	--	2CH HDMI	2CH HDMI
Network Video Input	IPC/DVR/NVR, etc.	IPC/DVR/NVR, etc.	IPC/DVR/NVR, etc.
Video Output	HDMI/VGA	HDMI 1.4 (DVI with convertor)	HDMI 1.4 (DVI with convertor)
Audio Out	HDMI (Embedded)	3.5	3.5
Alarm In/Out	4/4 (30VDC 1A, 125VAC 0.5A, Relay Output)	4/4 (30VDC 1A, 125VAC 0.5A, Relay output)	4/4 (30VDC 1A, 125VAC 0.5A, Relay output)
Processor	Embedded Processor	--	--
Case	1U 19"	1U 19"	1U 19"
Ethernet	1 RJ-45 ports (10/100/1000M)	1 RJ-45 port (10/100/1000M)	1 RJ-45 port (10/100/1000M)
USB	2 USB2.0	2 USB3.0, 1 USB2.0	2 USB3.0, 1 USB2.0
Power	DC12V/3.3A	AC100~240V, 50Hz~60Hz	AC100~240V, 50Hz~60Hz
Control Modes	WEB/Local GUI/Video Platform/Network Keyboard/Pad	WEB/Video Platform/Network keyboard/Pad	WEB/Video Platform/Network keyboard/Pad
Highlights	8K & H.265 & H.265+ decoding, Fisheye dewarp, Supports the Display of Intelligent Regular Line	H.265 & H.265+ decoding, Fisheye dewarp, PC signal collection	H.265 & H.265+ decoding, Fisheye dewarp, PC signal collection

8K Series

	NVD0405UH-2I-8K	NVD1205DU-4I-8K	NVD1605DU-4I-8K-2U2H	DHI-NVD2005DU-4I-8K-4H
Model				
Screen Quantity	4 Screens	12 Screens	16 Screens	20 Screens
Splicing Control Modes	Zoom/Merge/Roam/Overlay	Zoom/Merge/Roam/Overlay	Zoom/Merge/Roam/Overlay	Zoom/Merge/Roam/Overlay
Split Mode	1/4/6/8/9/16/25/36	1/4/6/8/9/16/25/36	1/4/6/8/9/16/25/36	1/4/6/8/9/16/25/36
Max Decoding	2CH 32MP (25fps)/7CH 12MP (25fps)/10CH 8MP/36CH 1080P/72CH 720P/144CH D1	6CH 32MP (25fps)/21CH 12MP (25fps)/30CH 8MP/108CH 1080P/300CH D1	8CH 32MP (25fps)/28CH 12MP(25fps)/40CH 8MP/144CH 1080P/400CH D1	10CH 32MP (25fps)/35CH 12MP (25fps)/50CH 8MP/180CH 1080P/500CH D1
Local Video Input	2CH HDMI	2CH DP, 2CH HDMI	2CH DP, 2CH HDMI	2CH DP, 2CH HDMI
Network Video Input	IPC/DVR/NVR, etc.	IPC/DVR/NVR, etc.	IPC/DVR/NVR, etc.	IPC/DVR/NVR, etc.
Video Output	HDMI (DVI with Converter)	HDMI	HDMI	HDMI
Audio Out	1 3.5mm Jack (Reserved)	3.5MM	3.5MM	3.5MM
Alarm In/Out	8/8 (30VDC 1A, 125VAC 0.5A, Relay Output)	4/4 (30VDC 1A, 125VAC 0.5A, Relay output)	4/4 (30VDC 1A, 125VAC 0.5A, Relay output)	4/4 (30VDC 1A, 125VAC 0.5A, Relay output)
Intercom	1 Pair 3.5mm Jack (Reserved)	1 Pair 3.5mm Jack (Reserved)	1 Pair 3.5mm Jack (Reserved)	1 Pair 3.5mm Jack (Reserved)
Processor	Embedded Processor	Embedded Processor	Embedded Processor	Embedded Processor
Case	1U 19"	1.5U 19"	1.5U 19"	1.5U 19"
Ethernet	2 RJ-45 ports (10/100/1000M)	RJ45(1000M)*2, SFP(1000M)*2	RJ45(1000M)*2, SFP(1000M)*2	RJ45(1000M)*2, SFP(1000M)*2
USB	2 USB3.0	1 USB2.0, 2 USB3.0	1 USB2.0, 2 USB3.0	1 USB2.0, 2 USB3.0
Power	AC100~240V, 50 Hz~60Hz	AC 100V~127V, 200V~240V, 50 Hz~60Hz	AC 100V~127V, 200V~240V, 50 Hz~60Hz	AC 100V~127V, 200V~240V, 50 Hz~60Hz
Control Modes	WEB/Video Platform/Network Keyboard/ Pad	WEB/Video Platform/Network Keyboard/ Pad	WEB/Video Platform/Network Keyboard/ Pad	WEB/Video Platform/Network Keyboard/ Pad
Highlights	8K & H.265 & H.265+ Decoding, Fisheye Dewarp, PC Signal Collection	8K & H.265 & H.265+ decoding, Fisheye dewarp, 4K@60 signal processing, Convenient button control	8K & H.265 & H.265+ decoding, Fisheye dewarp, 4K@60 signal processing, Convenient button control	8K & H.265 & H.265+ decoding, Fisheye dewarp, 4K@60 signal processing, Convenient button control

AVoIP

- Real-time signal source preview for convenient operation
- Low latency, low bandwidth, YUV444 native image quality
- 4K@60Hz ultra HD, endless wonders in sight
- Enhanced display splicing for immersive viewing
- KVM, efficient signal switching and multiple rights management
- Decode IPC signals directly for wider applications



CONTROL

Encoding Device

Model	NEB0105HI-4K	DSMS0105UHI-4K	DSMS0115EPI-4K
Appearance			
Operating System	Embedded Linux	Embedded Linux	Embedded Linux
Encoding Capacity	HDMI/DP: 4096 × 2160@24; 3840 × 2160@30; 2560 × 1440@60; 1920 × 1080 @60 (by default); 1280 × 720@60; 704 × 576@60; 352 × 288@60; 704 × 288@60; 352 × 288@60; 176 × 144@60	HDMI/DP: 4096 × 2160@24; 3840 × 2160@30; 2560 × 1440@60; 1920 × 1080@60; 1280 × 720@60; 720 × 576@60; 352 × 288@60 (1920 × 1080@60 by default)	DVI/DP: Main stream: 4096 × 2160@60; 3840 × 2160@60; 2560 × 1440@60; 1920 × 1200@60; 1920 × 1080P@60; 1600 × 1200@60; 1440 × 900@60; 1280 × 1024P@60; 1280 × 960P@60; 1280 × 720P@60; Sub stream: DI: 704 × 576@60 (PAL); HDI: 352 × 576@60 (PAL); BCIF: 704 × 288@60 (PAL); CIF: 352 × 288@60 (PAL)
Input Resolution	HDMI/DP: 4096 × 2160@24; 3840 × 2160@30; 2560 × 1440@60; 1920 × 1080@60; 1280 × 720@60; 720 × 576@60; 352 × 288@60 (1920 × 1080@60 by default)	HDMI/DP: 4096 × 2160@24; 3840 × 2160@30; 2560 × 1440@60; 1920 × 1080@60; 1280 × 1024@60; 1280 × 960@60; 1280 × 720@60; 1024 × 768@60	4096 × 2160@60; 3840 × 2160@60; 2560 × 1440@60; 1920 × 1200@60; 1920 × 1080@60; 1600 × 1200@60; 1440 × 900@60; 1280 × 1024@60; 1280 × 960@60; 1280 × 720@60; 1024 × 768@60
Video Output	1 HDMI output and 1 HDMI loop output	1 × HDMI loop output; 1 × HDMI output (debugging port)	1 × HDMI 2.0 loop output (HDMI IN or DP IN loop output)
Video Input	1-ch HDMI 1.4 (support DVI with convertor); 1-ch DP	1 × HDMI 1.4 (support DVI with convertor); 1 × DP	1 × HDMI 2.0 (support DVI with convertor); 1 × DP 1.2
Audio Input	1 × embedded HDMI/DP, 1 × 3.5 mm JACK	1 × embedded HDMI/DP, 1 × 3.5 mm JACK	1 × embedded HDMI/DP audio port; 2 × 3.5 mm JACK
RS-232	1 × DB9 (for device maintenance and debugging)	1 × DB9 (for device maintenance and debugging)	1 × DB9 (for device maintenance and debugging)
USB	1 × USB 2.0; 1 × USB (reserved)	1 × USB 2.0 (reserved), 1 × USB (for accessing the computer)	3 × USB ports: 1 × USB (keyboard and mouse); 1 × USB (USB pass-through); 1 × USB 3.0 (reserved)
Power Supply	12 VDC, 2.0 A; PoE	12 VDC, 2.0 A; PoE	12 VDC, 2.0 A; PoE

Decoding Device		
Model	DSMS0105UHO-4K	NVD0200FX-A01
Appearance		
Operating System	Embedded Linux	Embedded Linux
Decoding Capability	Decodes to 2-channel 7680 × 4320@30 videos, 3840 × 2160@60 videos or 4-channel 3840 × 2160@30 videos in real time. Performs H.264 and H.265 decoding (1080p@60 by default for output ports).	Decodes maximum 2-ch 8MP@25 videos, 3-ch 6MP@25 videos, 5-ch 5MP@25 videos, 5-ch 4MP@25 videos, 7-ch 3MP@25 videos, 10-ch 1080p@30 videos and 32-ch D1@30 at the same time
Decoding Resolution	Maximum 7680 × 4320@30 and lower resolutions	QCIF; CIF; 2CIF; HDI; D1; 720p; 1080p; 3 MP; 4 MP; 5 MP; 6 MP; 8 MP
Output Display Resolution	HDMI: 3840 × 2160@60 fps; 2560 × 1440@60 fps; 1920 × 1080@60 fps; 1280 × 720@60 fps	1024 × 768@60 Hz, 1280 × 720@60 Hz, 1280 × 1024@60 Hz, and 1920 × 1080@60 Hz. It is 1920 × 1080 by default.
Video Output	1 × HDMI 2.0; 1 × HDMI (reserved)	2 × HDMI
Audio Output	1 × 3.5 mm JACK (reserved)	2 × embedded HDMI, 1 × 3.5 mm JACK
RS-232	1 × DB9 (for device maintenance and debugging)	1 × RJ-45
USB	4 (2 × USB 2.0; 2 × USB 3.0)	3 × USB
Power Supply	12 VDC, 3.0 A	100–240 VAC, 50/60 Hz

Keyboard

- Precise playback control
- PTZ camera control modes: iris/zoom/focus, preset/scan/pan/tour/pattern
- Compatible with SmartPSS and DSS

CONTROL

Keyboard

	NKB1000-E	NKB5000
Model		
Control Mode (s)	Direct Mode, Network Mode, USB Mode	Network, RS485
Control Interface	1 RJ-45 port (100/1000M), RS232, RS485, RS422 (Reserved), USB	2 RJ-45 port (100/1000M), Wi-Fi, RS485
DVR/NVR Protocol	DH2	DH2; onvif
Dome Protocol	DH-SDI/PELCO-D/PELCO-P	DH-SDI/PELCO-D/PELCO-P
Max. Users	64 (All can manage up to 2048 unit devices via network)	64 (All can manage up to 10,000 channels via network)
Screen	Monochrome LCD Screen (128×64)	10.1" TFT LCD Touch Screen (1280×800)
Local Split Display Mode	--	1/4/9/16
Video Output	--	4×HDMI (Extension Decoding Display)
Local Decoding	--	3CH@12MP(25fps)/4CH@4K(25fps)/8CH@5MP(25fps)/12CH@3MP(25fps)/16CH@2MP(30fps)
Intercom	--	1 Pair (reserved)
Joystick	3-axis (Zoom, Focus, Iris)	4-axis (zoom, focus, iris)
Main Processor	Industrial Embedded Microprocessor	Embedded Processor
Operating System	Embedded LINUX	Embedded LINUX 4.2.0
USB	1 USB2.0	2 × USB 2.0 ports, 2× USB 3.0 port
Power	DC12V, 1A	DC12V, 4A
Highlights	Multi-user access control; Control DVR, NVR, EVS, Decoder, Matrix; Work with SmartPSS or DSSClient via USB port	Full touch screen operation; front and back end compatibility (IPC, ball machine, NVR, DVR, EVS, decoder, matrix, platform)

Smart Illumination

Outdoor Lighting

- Simple, beautiful, lightweight, and sturdy
- Capable of linkage control and offline control, and remote control adjustment, with rich and colorful playback content
- Good material, suitable for working in various environments
- Outdoor lightning protection and specialized protection design
- The product is flexible, flexible in application, and easy to install

Underground Parking Lot Lighting

- More than 80% effective energy saving

Education Lighting Eye Protection Lamp

- Protecting Children's Eyes

Smart Street Lamp

- Multi device integration, beautiful and convenient, land saving, intelligent control

Indoor Lighting

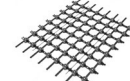
	DH-ICL2L-21B18	DH-IELITE-21B18
Model		
Application Scenario	Underground Parking	Underground Parking
Rated Power (W)	14.4-17.6W	16W±10%
Input Voltage (V)	198-240V	220V-240V
Rated Frequency (Hz)	50/60Hz	50Hz
Power Factor (PF)	0.5	0.5
Drive	Dual Terminal Power Supply	Single Ended Power Supply
LED Type	2835	2835
Color Temperature	--	--
Luminous Efficiency (lm/W)	100lm/W	100lm/W
Luminous (lm)	1600lm	1600lm
Color Rendering Index (Ra)	>80	>80
SDCM	5SDCM	5SDCM
Beam Angle	>120°	>120°
Lighting Materials	Glass	Glass
Color	White	White
Product Size (mm)	φ39mm×1198mm	1215×φ40mm
IP Grade	IP20	IP20
Electric Shock Protection Level	I Level	I Level
Operating Temperature (°C)	-20°C~+45°C	-20°C~+45°C
Life Time (L70 @ 25°C)	30000H	30000H
Sensing Distance	Horizontal radius ≥ 2 meters	Horizontal radius ≥ 2 meters
Sensing Angle	120°	120°
Induction Method	Pyroelectric Infrared Detection	Pyroelectric Infrared Detection
Communication Protocol	BLE 5.0	BLE 5.0
Blue Light Level	--	--

SMART ILLUMINATION

Outdoor Lighting

	DH-PHZ5-TZD-9W-RGB-005	DH-PHZ5-XQD-12W-RGBW	DH-PHZ5-XSD-10W-RGB-008	DH-PHZ5-TG-72W-3000K
Model				
Application Scenario	Outdoor	Outdoor	Outdoor	Outdoor
Rated Power (W)	9W/M	12W/M	10W/M	72W
Input Voltage (V)	DC24V	DC24V	DC48V	AC 220~240V
Rated Frequency (Hz)	--	--	--	50/60HZ
Power Factor (PF)	--	--	--	PF>0.9
Drive	Constant Voltage Drive	Constant Voltage Drive	Parallel Bus Control	Constant Current Drive
LED type	5050	3535/5050	DIP347	3535
Color Temperature	RGB, RGBW	RGB, RGBW	RGB	RGB
Luminous Efficiency (lm/W)	40lm/W/white	>60lm/W/white	>25lm/W/white	>70lm/W/white
Luminous (lm)	360lm/white	>720lm/white	>250lm/white	>5000lm/white
Color Rendering Index (Ra)	--	>80	--	--
SDCM	--	<5	--	--
Beam Angle	≥110°	24°×45°	≥110°	24°/36°/90°/120°
Lighting Materials	Aluminum Aalloy	Aluminium Alloy	Extruded Aluminum	Die-cast Aluminum
Color	Gray/customizable	Gray/Czustomizable	Black	black
Product Size (mm)	1000mm×25mm×23mm	1000mm×25mm×24mm	1000mm×27mm×33.2mm	298×146×91mm
IP Grade	IP66	IP66	IP66	--
Electric Shock Protection Level	III Level	III Level	III Level	I Level
Operating Temperature (°C)	-20°C~-40°C/-20°C~+50°C	-20°C~-40°C/-20°C~+50°C	-20°C~-40°C/-20°C~+50°C	-20°C~-40°C/-20°C~+50°C
Life Time (L70 @ 25°C)	50000H	50000H	50000H	50000H
Sensing Distance	--	--	--	--
Sensing Angle	--	--	--	--
Induction Method	--	--	--	--
Communication Protocol	DMX512	DMX512	DMX512	DMX512
Blue Light Level	--	--	--	--

Outdoor Lighting

Model	DHI-PHZ5-DGY-1W- RGBW-01-003	DHI-PHZ5-DGY-1W- RGBW-01-001	DHI-PHZ5-DGY-1.8W- RGBW-01-001	DHI-PHZ5-DGY-3W- RGBW-01-001	DH-PHZ1-DG1-B0724
					
Application Scenario	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Rated Power (W)	1W±10%	1W±10%	1.8W±10%	3W±10%	0.72W±10%/Pieces
Input Voltage (V)	DC12V	DC12V	DC24V	DC24V	DC24V/DC48V
Rated Frequency (Hz)	--	--	--	--	--
Power Factor (PF)	--	--	--	--	--
Drive	Constant Voltage Drive	Constant Voltage Drive	Constant Voltage Drive	Constant Voltage Drive	Constant Voltage Drive
LED type	3535/5050/2835	3535/5050/2835	5050	3535/5050/2835	3535
Color Temperature	RGB, RGBW	RGB, RGBW	RGBW	RGB, RGBW	RGB, RGBW
Luminous Efficiency (lm/W)	>30lm/W/white	>30lm/W/white	>50lm/W/white	>24lm/W/white	>20lm/W/white
Luminous (lm)	>30lm/white	>30lm/white	>90lm/white	>72lm/white	P25>6000lm, P50>4000lm, P10>2000lm
Color Rendering Index (Ra)	>80	>80	>80	>80	>80
SDCM	<5	<5	<5	<5	<5
Beam Angle	100° (±10%)	100° (±10%)	75°×115° (±5°)	100° (±10%)	100° (±10%)
Lighting Materials	PC	PC	PC	PC	PC
Color	Black	Black	Black	Black	White/Black
Product Size (mm)	36.2mm (L) × 32.5mm (W) × 13.6mm (H)	40.0mm (L) × 22.5mm (W) × 13.2mm (H)	56mm (L) × 33.0mm (W) × 15.3mm (H)	50.0mm (L) × 43.0mm (W) × 13.8mm (H)	23.3mm (L) × 20.0mm (W) × 11mm (H)
IP Grade	IP66	IP66	IP66	IP66	IP66
Electric Shock Protection Level	III Level	III Level	III Level	III Level	III Level
Operating Temperature (°C)	-25°C~+50°C	-25°C~+50°C	-25°C~+50°C	-25°C~+50°C	-40°C~+65°C
Life Time (L70 @ 25°C)	50000H	50000H	50000H	50000H	50000H
Sensing Distance	--	--	--	--	--
Sensing Angle	--	--	--	--	--
Induction Method	--	--	--	--	--
Communication Protocol	DMX512	DMX512	DMX512	DMX512	TTL/DMX512
Blue Light Level	--	--	--	--	--

Smart Illumination

Smart Lighting Pole

Model	DH-ILP-05-100W	DH-ILP-04	DH-ILP-10-LEDP3	DH-PHZ2-ZH60D-YQZYI	DH-PHZ2-ZH40D-YQZYI	DH-ILP-02-C
						
Application Scenario	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Rated Power (W)	100	5	200	1000	1000	20
Input Voltage (V)	AC220V~240V	AC220V~240V	AC220V~240V	AC220V~240V	AC220V~240V	AC220V~240V
Rated Frequency (Hz)	--	--	--	--	--	--
Power Factor (PF)	0.95	0.95	0.95	0.95	0.95	0.95
Drive	Constant Voltage drive	Constant Voltage drive	Constant Voltage drive	Constant Voltage drive	Constant Voltage drive	Constant Voltage drive
LED type	3030	--	--	3030	3030	--
Color Temperature	3000K/4000K/5000K	--	RGBW	3000K/4000K/5000K	3000K/4000K/5000K	--
Luminous Efficiency (lm/W)	120lm/W	--	--	120lm/W	120lm/W	--
Luminous (lm)	--	--	--	--	--	--
Color Rendering Index (Ra)	>70	--	--	>70	>70	--
SDCM	<5	--	<5	<5	<5	--
Beam Angle	Class II	--	--	--	--	--
Lighting Materials	Metal	PC	Metal	Metal	Metal	Metal
Color	White/Black	--	White/Black	White/Black	White/Black	Black
Product Size (mm)	720×350×300	140×70×45	500×900×180	6-10m×0.7m×0.7m	4.5m×0.7m×0.7m	250×180×180
IP Grade	IP65	IP65	IP65	--	--	IP65
Electric Shock Protection Level	--	--	--	--	--	--
Operating Temperature (°C)	-20°C~+45°C	-20°C~+45°C	-20°C~+45°C	-20°C~+45°C	-20°C~+45°C	-20°C~+45°C
Life Time (L70 @ 25°C)	50000H	--	--	--	--	--
Sensing Distance	--	--	--	--	--	--
Sensing Angle	--	--	--	--	--	--
Induction Method	--	--	--	--	--	--
Communication Protocol	--	--	--	--	--	--
Blue Light Level	--	--	--	--	--	--

Educational lighting

	DHI-PHL-HBYX-040-Y1	DHI-PHL-MBXX-036-S2-HY	DHI-PHL-MBXX-036-S4-HY	DHI-PHL-MBXX-036-S6-HY
Model				
Application Scenario	classroom	classroom	classroom	classroom
Rated Power (W)	40W	36W	36W	36W
Input Voltage (V)	AC220V~240V	AC220V~240V	AC220V~240V	AC220V~240V
Rated Frequency (Hz)	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power Factor (PF)	0.95	0.95	0.95	0.95
Drive	Constant Voltage drive	Constant Voltage drive	Constant Voltage drive	Constant Voltage drive
LED type	--	--	--	--
Color Temperature	5000±300K	5000±200K	5000±200K	5000±200K
Luminous Efficiency (lm/W)	>90lm/W	>90lm/W	>90lm/W	>90lm/W
Luminous (lm)	>3600lm	>3200lm	>3240lm	>3200lm
Color Rendering Index (Ra)	>90	>90	>90	>90
SDCM	<5	<5	<5	<5
Beam Angle	--	--	--	--
Lighting Materials	Integrated Eextruded Aluminum	Integrated Eextruded Aluminum	Integrated Eextruded Aluminum	Integrated Eextruded Aluminum
Color	white	white	white	white
Product Size (mm)	1200mm×67mm×42mm	1200mm×300mm×50mm	1200mm×300mm×34mm	595mm×595mm×34mm
IP Grade	IP20	IP20	IP20	IP20
Electric Shock Protection Level	--	--	--	--
Operating Temperature (°C)	-20°C~+45°C	-20°C~+45°C	-20°C~+45°C	-20°C~+45°C
Life Time (L70 @ 25°C)	30000H	30000H	30000H	30000H
Blue Light Level	RG1	RG0	RG0	RG0

AUDIO & SENSING

Audio & Sensing

The IP Speaker series features alarm, shouting and intercom functions that link with the IP Camera through NVR and DSS Pro.

IP Speaker Series

	VCS-SH30	VCS-SPOE20	VCS-STW30	VCS-STW40
Model				
Rated Power	15W	20W	30W	40W
Frequency Response	50 Hz-12 kHz	100 Hz-18 kHz	100 Hz-18 kHz	100 Hz-18 kHz
Max Sound Pressure Level	108 dB	80 dB	108 dB	120 dB
SNR	≥75 dB	≥75 dB	≥75 dB	≥75 dB
Protection Level	IP66	IP6X	IP65	IP65
Power Input	PoE+ (IEEE 802.3at), 24 VDC, 1 A (Standby)	PoE+ (IEEE 802.3at), 24 VDC, 1 A (Standby)	PoE+ (IEEE 802.3at), 24 VDC, 2 A (Standby)	PoE+ (IEEE 802.3at), 24 VDC, 2 A (Standby)
Certifications	CE EMC, CE LVD	CE EMC, CE LVD	CE EMC, CE LVD	CE EMC, CE LVD
Product Dimensions	228×170×250 mm	203×203×132 mm	93×83×443 mm	93×83×526 mm

Pickup Series

Choose from a variety of pickup products to effectively capture live sounds.

- High sensitivity microphone
- Intelligent noise reduction
- Smart audio crack protection
- Wide dynamic range processing technology
- Automatic supplement function

Pickup Series

	DH-HAP100	DH-HAP120	DH-HAP201	DH-HAP301	DH-HAP120-V	DH-HAP320-V
Model						
Scope	5-40 m²	10-70 m²	1-150 m²	1-150 m²	5-60m²	5-100m²
Sensitivity	-40dB	-34 dB	-38dB	-38dB	-43dB	-24dB
Frequency Response	20Hz~20kHz	80Hz~16kHz	20Hz~20kHz	20Hz~20kHz	20Hz~20kHz	20Hz~20kHz
Directional Characteristic	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional
SNR	70 dB	58dB	70 dB	71 dB	58dB	68dB
Dynamic Range	104dB	74dB	40dB	54 dB	74dB	84dB
Max.Sustainable Sound Pressure	120dB SPL (1kHz, THD 1%)	110dB SPL (1kHz, THD 1%)	82.5 dB SPL (1 kHz and THD≤ 3%)	87.7 dB SPL (1 kHz and THD≤ 3%)	110dB SPL (1kHz, THD1%)	110dB SPL (1kHz, THD 1%)
Product Dimensions	63mm×30mm×22mm (2.48"×1.18"×0.87")	Φ40mm×20mm (Φ1.57"×0.79")	Φ79.6 mm × 23.9 mm (Φ3.13"×0.94")	Φ70 mm×21.8 mm (Φ2.76"×0.86")	Φ35mm×50mm (Φ1.38"×1.97")	Φ80mm×23.5mm (Φ3.15"×0.93")
Certifications	CE	CE	CE	CE	CE	CE

ACCESSORIES

Desk Mechanical Mounts

	DHL27/32-DZ	DHL42/43/49/55-DZ
Model		
Support Screen Size	27"~32"	43"~55"
Suitable Monitor	DHL28-S400, DHL32	LM43-S400, LM49-S400, LM55-S400, LM43-F410
VESA Standard	100×100mm (3.9"×3.9") 200×200mm (7.9"×7.9") 300×300mm (11.8"×11.8")	200×200mm (7.9"×7.9") 300×300mm (11.8"×11.8") 400×400mm (15.7"×15.7")
Single Screen Weight	Max 40kg (88.2lb)	Max 50kg (110.2lb)
Installation	Base	Base

Hanging Bracket

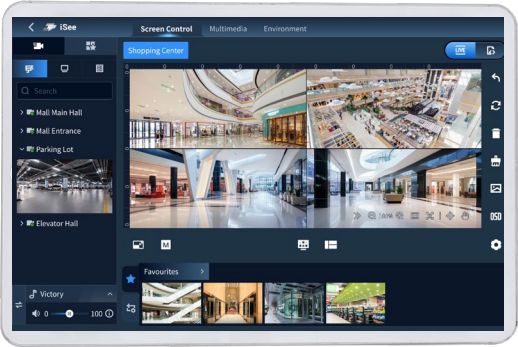
	DHL14-32-DJ	DHL32-75-DJ
Model		
Support Screen Size	14"~42"	32"~75"
Suitable Monitor	DHL19-F600, DHL22-F600, DHL22-F600-S, DHL24-F600, LM22-F211, LM24-F211, LM27-F211, LM18-L100, LM22-L200, LM24-L200	DHL32-F600, DHL43-F600, DHL32, LM43-S400, LM49-S400, LM55-S400, LM43-F410, LM50-F410, LM55-F410
VESA Standard	75×75mm (3.0"×3.0") 100×100mm (3.9"×3.9") 200×200mm (7.9"×7.9")	100×100mm (3.9"×3.9") 200×200mm (7.9"×7.9") 300×300mm (11.8"×11.8") 400×400mm (15.7"×15.7")
Single Screen Weight	Max 50kg (110.2lb)	Max 68.2kg (150.4lb)
Installation	Hoisting	Hoisting

Wall-hanging Mounts

	DHL19/22/27/32-BG	DHL42/43/49/55-BG
Model		
Support Screen Size	18"~32"	32"~55"
Suitable Monitor	DHL19-F600, DHL22-F600, DHL22-F600-S, DHL24-F600, DHL32-F600, LM22-F211, LM24-F211, LM27-F211, LM18-L100, LM22-L200, LM24-L200	DHL43-F600, DHL32, LM50-F410, LM55-F410
VESA Standard	75×75mm (3.0"×3.0") 100×100mm (3.9"×3.9")	200×200mm (7.9"×7.9") 300×300mm (11.8"×11.8") 400×400mm (15.7"×15.7")
Single Screen Weight	Max 25kg (55.1lb)	Max 75kg (165.3lb)
Installation	Wall hanging	Wall hanging

Desk Mechanical Mounts

	HDMI Cabel	HDMI Extender	Splitter
Model			
Connector Type	HDMI	HDMI, IR, RJ45	HDMI
Support Display Resolution	1080P/4K	1080P/4K	1080P/4K
Length	Various Lengths Optional	Various Lengths Optional	--
Network Cable Type	--	CAT5e/CAT (CAT5e as well as Internet cable)	--
Infrared Control	--	Supports infrared backtracking of 20 to 60Hz	--
Input Ports	--	--	1
Output Ports	--	--	Different quantities are available
Highlights	Stable quality, strong reliability, durability and plug resistance	Lossless compression, Low delay transmission	

iSee-Smart Screen Manager	
Model	
Supported Devices	M80-S24, M70-4U-E, Decoder, AVOIP Products
Video Display Split	M*N, determined by the ability of control product itself
Stream Type	Preview stream
PTZ Control	Virtual joystick, zoom, focus, Aperture
Scheme Number	Determined by the ability of control product itself
Favorite Group Number	16
Minimum System Requirements	Pad: Andriod 6 and above (Up to Android 11,Compatible with Harmony OS system)
RAM Requirements	RAM 6GB and above

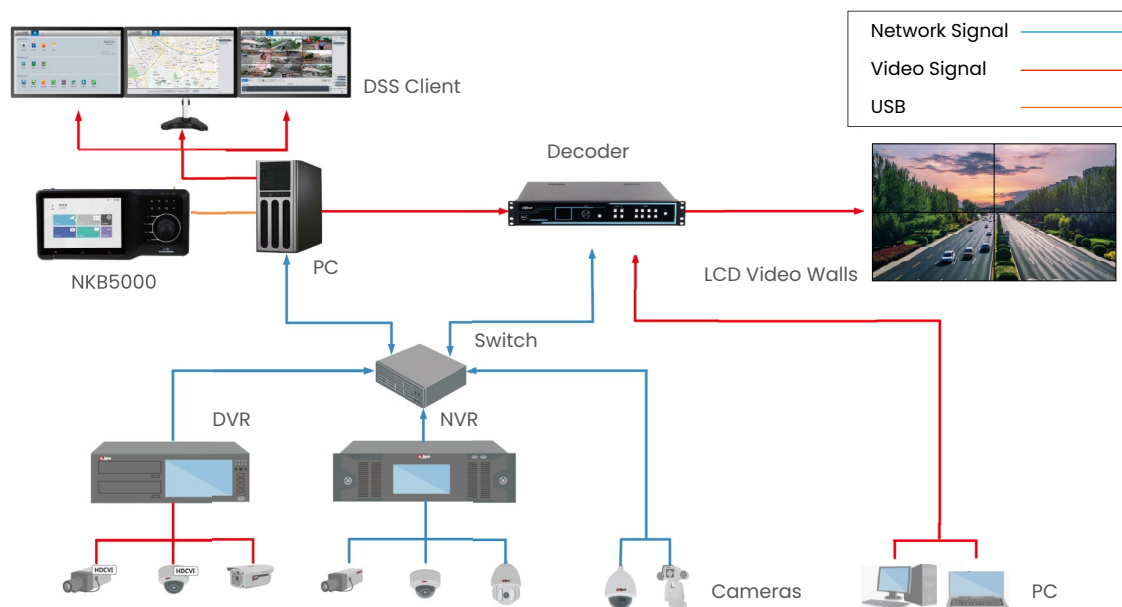
TYPICAL COMMAND CENTER SOLUTION

Overview

In today's fast-evolving digital landscape, an advanced video wall solution is essential for modern monitoring centers. Dahua delivers industry-leading display solutions with high-definition visualization, real-time data integration, and intelligent control. Designed for reliability and scalability, our solutions empower operators with seamless monitoring, enhancing situational awareness and operational efficiency.

Features

- **High-Definition Video Decoding:**
Dahua's decoders support decoding of high-resolution video streams, including up to 3200W, ensuring clear and detailed display of surveillance footage.
- **Integrated Signal Collection and Encoding:**
Dahua decoders facilitate local signal collection and encoding, streamlining the management of various video sources within the command center.
- **VMS Compatibility:**
DSS platform, when used with the NKB5000 keyboard in USB control mode, offers centralized management of video feeds, enhancing operational efficiency.
- **Advanced Video Wall Control:**
The NKB5000 keyboard allows operators to manage multiple screens, split modes, and configure window layouts and channels using its "Num" and "Function" buttons, providing flexible control over video wall displays.
- **Intuitive PTZ Camera Control:**
Dahua's NKB 5000 network keyboard features a 3D joystick for precise PTZ control, along with functions like preset positions, auto scan, auto pan, auto tour, and pattern control, facilitating efficient camera operation.



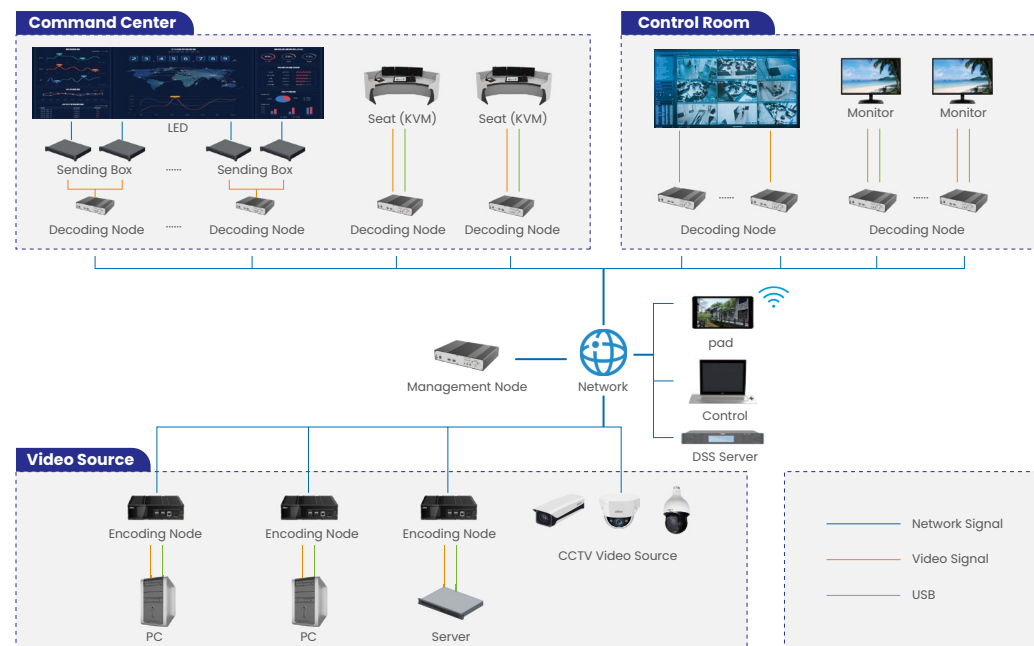
AVOIP COMMAND CENTER SOLUTION

Overview

As command centers handle increasingly complex data and multi-source inputs, a flexible and scalable visualization solution is crucial. Dahua's AVOIP solution leverages advanced IP-based transmission to enable seamless content sharing, real-time collaboration, and centralized management. With ultra-low latency, high reliability, and dynamic scalability, it empowers operators to efficiently monitor, analyze, and respond to critical events across multiple locations.

Features

- Real-Time Signal and Video Wall Monitoring:**
 Enables operators to monitor and manage multiple video feeds and control video walls in real-time, enhancing situational awareness and responsiveness.
- DSE Technology for High-Quality Imaging:**
 DSE technology to deliver low-delay, low-bandwidth, and high-quality YUV444 images, ensuring clear and precise visual displays.
- 4K Ultra-HD Output Support:**
 Supports 4K@60 output display, providing ultra-high-definition visuals for detailed and immersive viewing experiences.
- Mosaic Video Wall Capability:**
 Allows for the seamless splicing of multiple nodes, enabling the creation of expansive and customizable video wall configurations to suit diverse display requirements.
- KVM Functionality for Remote PC Control:**
 KVM functionality, enabling remote control of local PCs, thereby enhancing operational flexibility and efficiency.



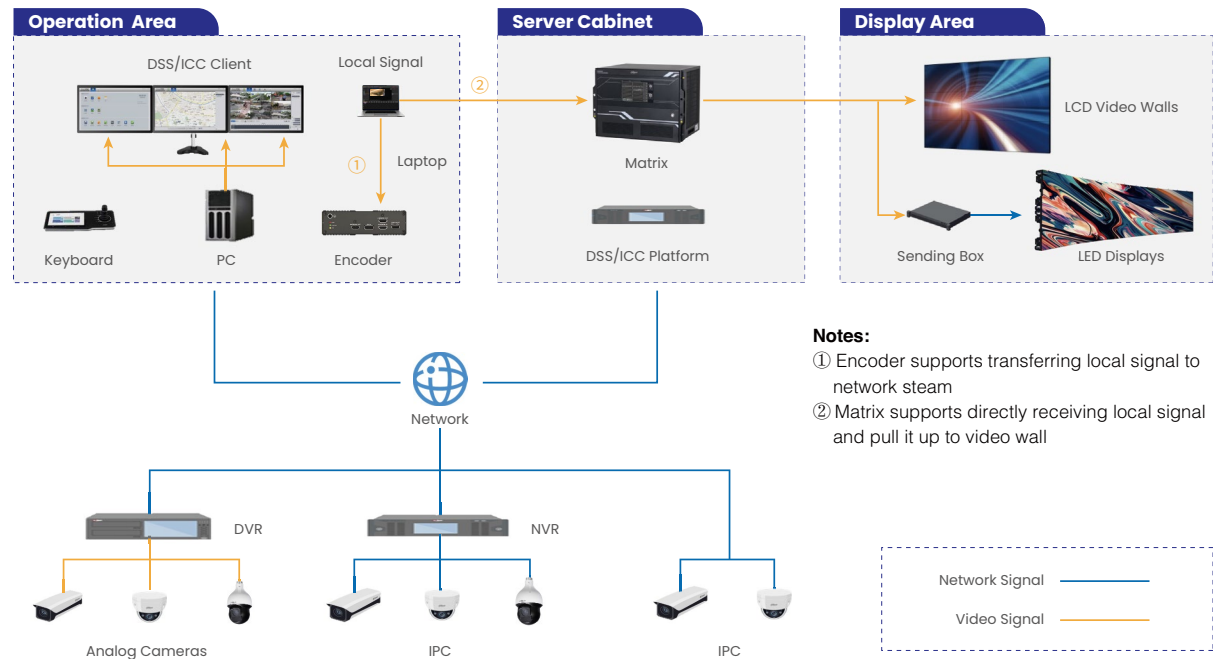
LARGE-SCALE COMMAND CENTER SOLUTION

Overview

In large-scale command centers, seamless coordination and real-time decision-making rely on a robust and centralized display solution. Dahua's advanced matrix M80 ensures ultra-fast signal processing, enabling smooth multi-source visualization across massive video walls. Combined with DSS or ICC platform, it offers unified control, flexible scheduling, and real-time data synchronization. Designed for mission-critical operations, this solution delivers high reliability, scalability, and intuitive operation—empowering organizations to maintain full situational awareness and respond with precision.

Features

- **Real-Time Signal & Video Wall Monitoring:**
Enables seamless control and monitoring of signals and video walls for efficient decision-making.
- **DSE Technology:**
Delivers low-latency, high-quality images with YUV444 for superior visual clarity.
- **4K Ultra-HD Output:**
Supports 4K@60 resolution for crisp, detailed visual displays.
- **Mosaic Video Wall:**
Facilitates seamless splicing across multiple nodes for large-scale video wall configurations.
- **Advanced IPC Decoding & KVM Control:**
Decodes up to 8K@30 and offers remote PC control, enhancing operational flexibility.



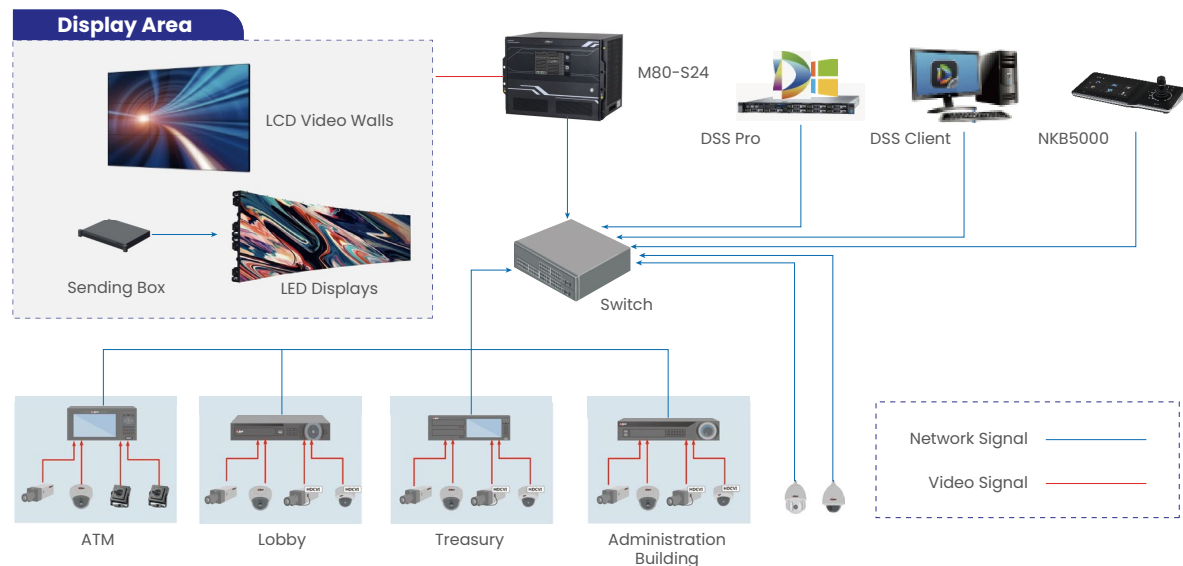
BANKING SOLUTION

Overview

Dahua's video wall and controller solution for banking ensures seamless monitoring of key areas such as ATMs, lobbies, treasury rooms, and administrative buildings. With high-definition display technology and a powerful control system, security teams can efficiently manage and view real-time surveillance feeds from multiple locations. The solution enables centralized control, intelligent video switching, and instant alarm response, enhancing security, operational efficiency, and risk management across the entire banking network.

Features

- **Multi-Site Video Integration:**
Seamlessly displays real-time surveillance feeds from different sites.
- **Centralized Management:**
Enables unified monitoring and control of multiple locations from a single platform.
- **Intelligent Video Switching:**
Automatically prioritizes and switches video feeds based on security events or operator commands.
- **High-Definition Display:**
Delivers crystal-clear visuals with ultra-high resolution for enhanced situational awareness.
- **Flexible Video Wall Configuration:**
Supports multiple layouts and customizable display modes for optimized viewing.
- **Real-Time Alarm Integration:**
Instantly highlights security alerts on the video wall for rapid response.
- **Scalable and Reliable Performance:**
Designed for 24/7 operation with high stability and future expansion capabilities.



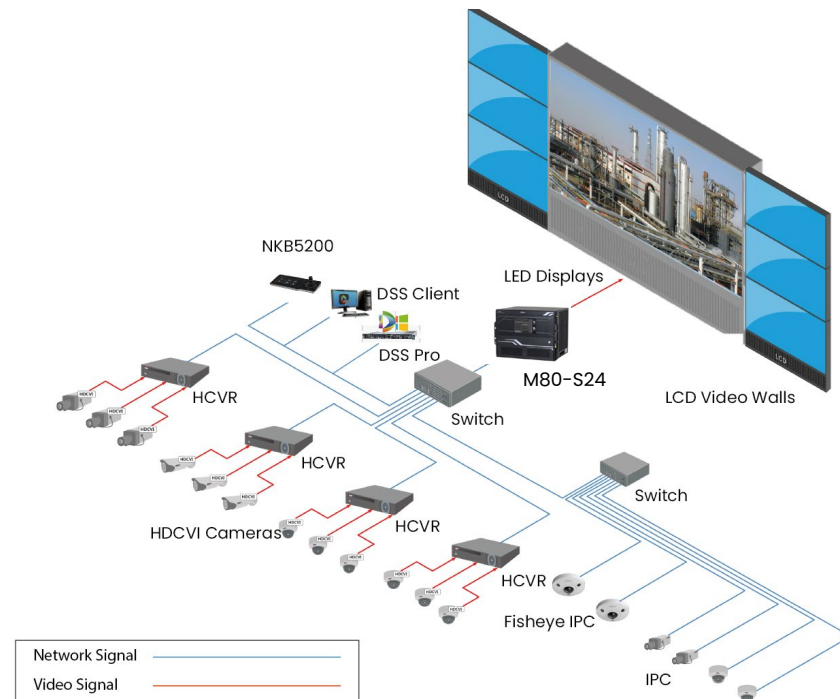
ENERGY SOLUTION

Overview

Dahua energy solution provides comprehensive monitoring capabilities for multiple sites, including power plants, substations, and control rooms. Featuring high-quality LED displays and LCD video walls, the solution delivers clear, real-time surveillance footage from various locations to ensure continuous operational oversight. Powered by Dahua's self-developed M80 controller, this solution offers intuitive control, seamless video switching, and centralized management, helping operators monitor critical assets, improve response times, and enhance security across the entire network.

Features

- **Versatile Display Support:**
Compatible with both LED displays and LCD video walls, offering high-quality visualization for energy monitoring.
- **Modular & Scalable System:**
Plug-in card design with slot mixing allows easy expansion and flexible configuration.
- **Intuitive Touch Control:**
Front panel touch operation for easy management, with hot standby technology for seamless backup switching.
- **High-Decoding Capacity:**
Decodes up to 36 channels of 1080P video per output port, enabling smooth, real-time multi-site surveillance.
- **4K & Custom Resolution Support:**
Supports 4K@60 input/output and custom resolutions, ensuring optimal performance for LED screens.



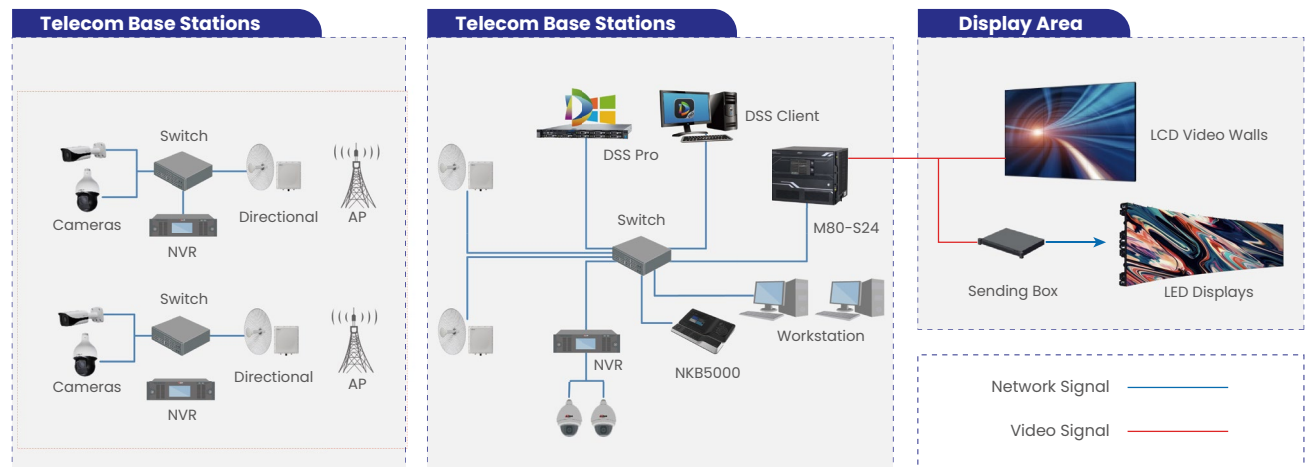
TELECOM SOLUTION

Overview

Dahua's Telecom Monitoring Solution enables real-time surveillance of telecom base stations through cameras deployed at remote sites. These cameras capture critical monitoring footage, which is wirelessly transmitted to a central command center for display on high-quality LCD or LED video walls. Powered by Dahua's advanced M80 controller, the solution ensures seamless, efficient, and scalable monitoring with powerful management capabilities. This solution enhances operational efficiency, security, and response times in telecom network operations.

Features

- **Wireless Video Transmission:**
Cameras at telecom base stations wirelessly transmit monitoring footage to the central command center, ensuring real-time visibility.
- **Powerful M80 Controller:**
The M80 controller offers seamless integration with remote video sources, supporting plug-in card design and slot mixing for flexible system expansion.
- **High-Decoding Capacity:**
Decodes up to 36 channels of 1080P video per output port, delivering smooth, synchronized video playback for multi-site monitoring.
- **Hot Standby & Backup:**
With hot standby technology, the M80 controller ensures uninterrupted display by providing seamless backup switching in case of failures.
- **Lossless Image Quality:**
Supports 4K@60 input/output and lossless image quality, ensuring crystal-clear visuals with seamless splicing for both standard and irregular video walls.



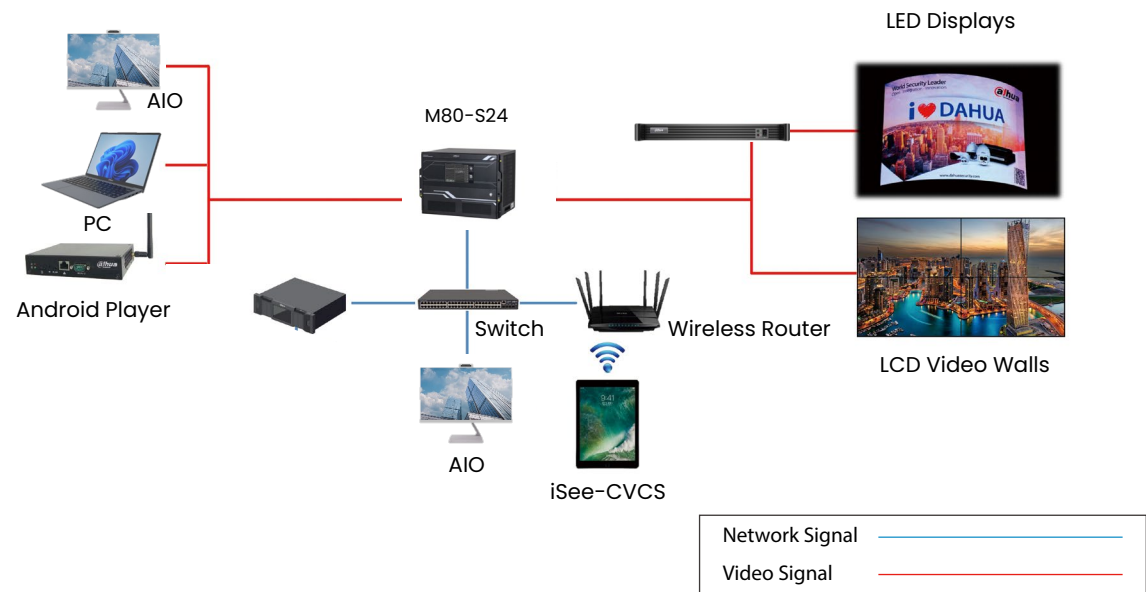
COMMERCIAL DISPLAY SOLUTION

Overview

Dahua's Commercial Display Solution offers a powerful and flexible platform for businesses to display dynamic content across large screens. Supporting various signal sources, including Android Players and PCs, this solution enables seamless content management and high-quality visualization. Paired with Dahua's self-developed M80 controller, it provides centralized control with intuitive operation through the iSee-CVCS portable control system on a tablet. Ideal for retail, advertising, and public spaces, it enhances customer engagement and operational efficiency.

Features

- **Flexible Signal Integration:**
Supports a wide range of sources, including Android Player, PC, Cameras, and more, offering versatile content management for commercial display applications.
- **Powerful M80 Controller:**
Plug-in card design with slot mixing allows easy expansion and flexible configuration.
- **Intuitive Touch Control:**
Front panel touch operation for easy management, with hot standby technology for seamless backup switching.
- **High-Decoding Capacity:**
Decodes up to 36 channels of 1080P video per output port, enabling smooth, real-time multi-site surveillance.
- **4K & Custom Resolution Support:**
Supports 4K@60 input/output and custom resolutions, ensuring optimal performance for LED screens.



NAKED-EYE 3D SOLUTION

Overview

Dahua's Naked-Eye 3D Solution enables glasses-free 3D viewing through autostereoscopic technologies like lenticular lenses or parallax barriers, combined with high-refresh-rate displays and AI-optimized content. Ideal for digital signage, education, and entertainment, it offers scalable 3D effects via multi-view rendering and real-time depth mapping. Solutions integrate hardware calibration, cross-platform SDKs, and CMS compatibility for dynamic content updates in public spaces or industrial design.

Features

- **Enhanced Energy Efficiency:**
The Naked-Eye 3D Solution is designed with intelligent electricity distribution, optimizing power usage for RGB LED chips to achieve over 30% reduction in energy consumption, making it environmentally friendly and cost-effective.
- **High-Protection Enclosure:**
The solution boasts a superior protection rating with IP68 for front-facing components and IP66 for rear-facing elements, ensuring durability and reliability in various environments.
- **Lightweight and Compact Design:**
With a remarkably thin profile of only 75mm and a weight of 30kg per square meter, the solution is easy to integrate into various settings without compromising on performance.
- **Versatile Installation and Maintenance:**
The design supports both front and rear installation options, facilitating convenient maintenance and adaptability to different installation scenarios.

General Outdoor Fixed LED

Model: DHI-PHGOA6/8/10-PH



All-in-one Controller

Model: MX40 PRO



3D Video

Network Signal

HDMI Signal

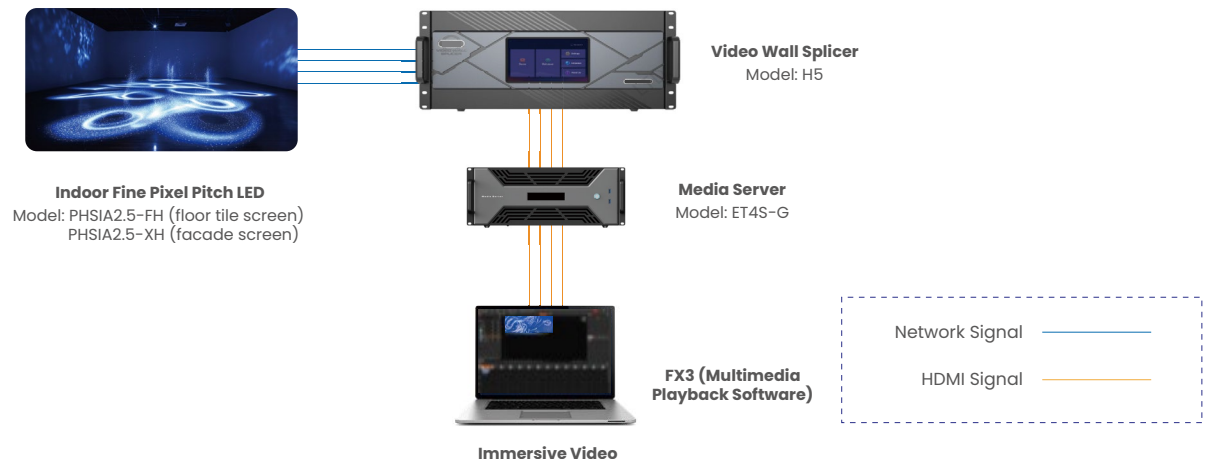
XR STUDIO SOLUTION

Overview

Dahua's XR Studio solution is an integrated development ecosystem for creating immersive experiences across VR, AR, MR. It combines tools for 3D modeling, real-time rendering, spatial audio, and multi-platform deployment. Key features include collaborative editing, gesture/voice interaction APIs, and cloud-based testing simulators. Targeting industries like virtual shooting, gaming, and virtual prototyping, it streamlines workflows with pre-built templates, AI-assisted asset optimization, and cross-device compatibility.

Features

- **XR STUDIO SOLUTION:**
The solution allows for a single machine to be directly connected to the LED receiving card, providing strong pixel load capacity that supports demanding applications.
- **Flexible Control System:**
Featuring a two-in-one super splicing controller, the solution offers enhanced flexibility and convenience in managing displays, making it user-friendly for operators.
- **Front Maintenance Design:**
LED displays are designed for front maintenance, facilitating easy access and servicing without the need for extensive disassembly.
- **Precision Calibration:**
The dot-by-dot calibration process ensures rich color reproduction and uniform brightness across the display, enhancing the visual quality of immersive experiences.
- **High Reliability and Longevity:**
Designed for 24 × 7 continuous operation, the solution boasts high reliability with a service life of up to 100,000 hours, making it ideal for demanding environments.



SMART BUS SOLUTION

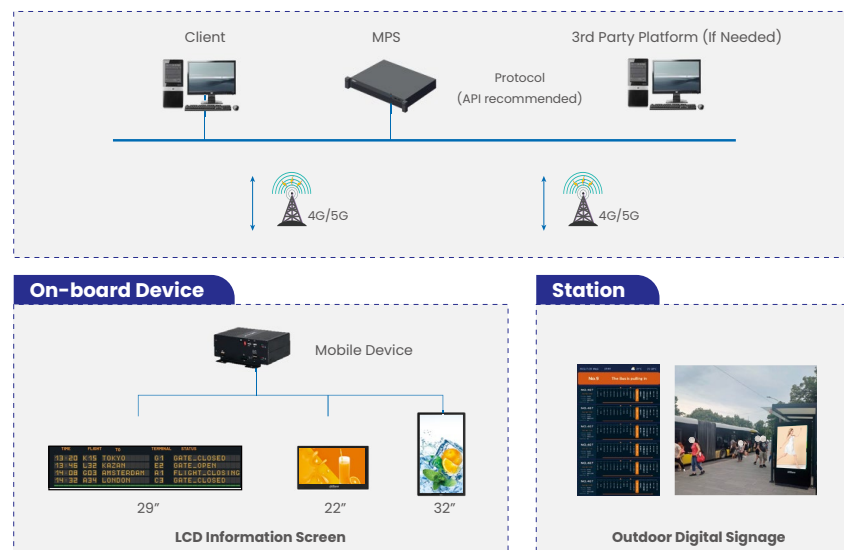
Overview

This system uses real-time GPS/IoT tracking to provide passengers with live bus arrival times, route details, and service alerts via digital screens at stations and onboard. Onboard displays also show trip progress and entertainment such as news and videos to engage riders.

For operators, it boosts revenue through targeted ads on screens and partnerships with local businesses. By merging real-time data, passenger convenience, and ad-driven income, the solution enhances public transport efficiency and rider satisfaction.

Features

- Robust Industrial Design:**
 Built with a rugged, waterproof galvanized steel housing and tempered protective glass, ensuring durability and resilience in various environmental conditions.
- Outstanding Display Visibility:**
 High brightness and anti-reflection glass guarantees excellent visibility, even in direct sunlight, allowing passengers to easily read information at all times of the day.
- Unified Management Platform:**
 The Dahua MPS platform enables centralized remote management, streamlining operational oversight for system integrators and media operators, thus enhancing efficiency and control.
- Advanced Structural Integrity:**
 The system features a car-level design, employing high-strength materials to ensure structural integrity and reliability in demanding transport environments.
- Comprehensive Connectivity:**
 Equipped with a rich set of interfaces including RJ45 and RS485, the solution facilitates seamless integration with a variety of devices and systems, enhancing flexibility and functionality.



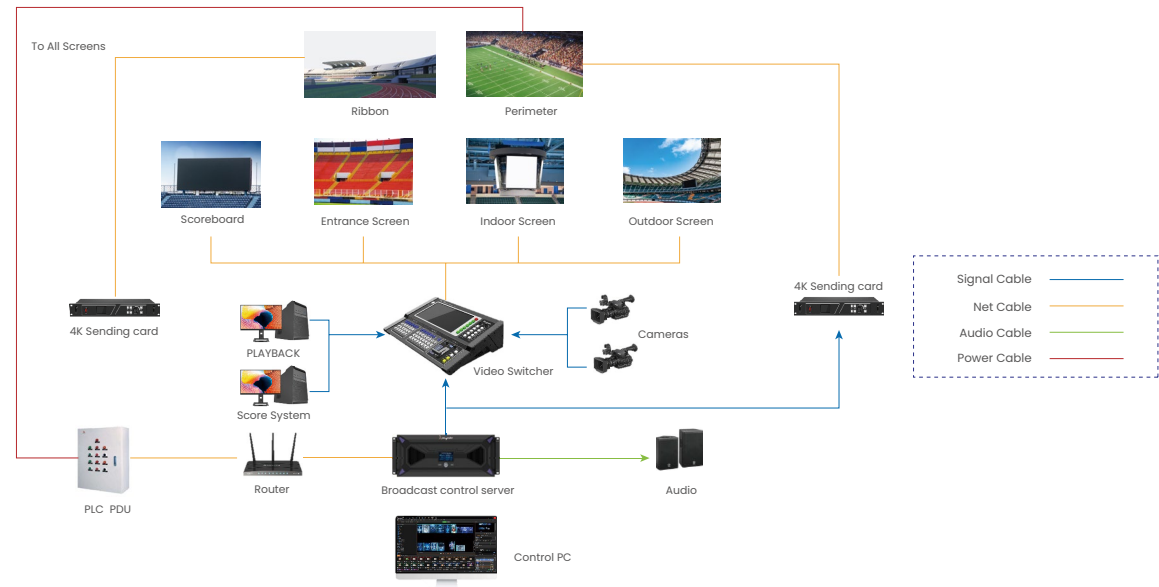
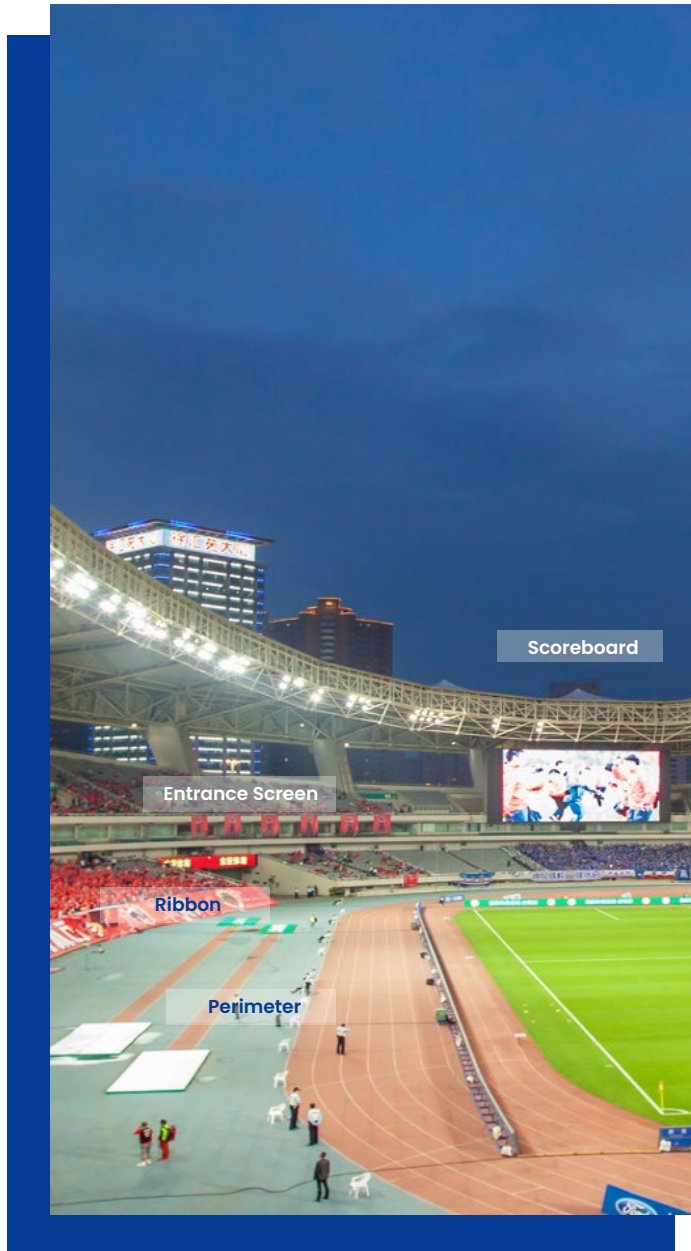
STADIUM SOLUTION

Overview

Dahua's Stadium Solution integrates high-brightness LED screens, real-time content management systems, and synchronized multimedia technologies to enhance live event experiences. Key features include ultra-HD video walls for replays/ads, scoreboard integration, crowd interaction tools (e.g., live polls, social media feeds), and seamless connectivity with broadcast systems. Designed for durability and visibility in outdoor/indoor environments, it supports 24/7 operation with weatherproof panels and low-latency processing. It offers sponsors dynamic ad placement and fans immersive engagement.

Features

- Diverse Outdoor Display Options:**
 Dahua offers a variety of outdoor solutions, including fixed LED screens for stadiums, perimeter displays equipped with protective sleeves for added durability, and flexible outdoor LED ribbon displays that can adapt to various design requirements.
- Versatile Installation and Maintenance:**
 The LED screen supports both front and rear installation and maintenance, allowing for flexible setup and easy access for servicing, thereby minimizing downtime.
- Enhanced Energy Efficiency:**
 The solution incorporates intelligent electricity distribution for RGB LED chips, achieving over 30% energy savings and significantly reducing overall power consumption, beneficial for operational costs.
- High Pixel Capacity:**
 Each 4K sending card can drive up to 8.8 million pixels, supporting a maximum width and height of 7680 pixels, enabling ultra-HD displays that enhance the viewing experience for event attendees.
- Professional Broadcast Control Interface:**
 Pre-editing and scheme switching.



ENABLING A SMARTER SOCIETY AND BETTER LIVING

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