dahua TECHNOLOGY

DHI-TF-C100A
C100A memory card

· Adopts mainstream flash memory cell; superior performance and long service life.

· Four types of protection: High and low temperature resistant, water proof, anti-magnetic, and anti X-ray; adapts to various environments.

· Meets various user needs such as recording videos, taking photos, listening to music, playing games, and storing data.

· Compatible with various digital products.

· Comes with a MicroSD adapter that allows it to switch to the SD card immediately.
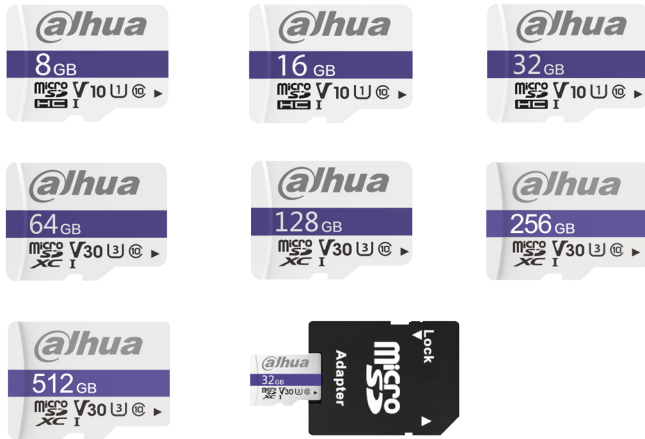
System Overview

DHI-TF-C100A series product adopts mainstream flash memory cell. This ensures top-notch performance and an extended lifespan, making it a reliable choice for digital needs. Engineered with resilience in mind, it operates within wide temperature range, features waterproof design to protect data from water intrusion, is highly efficient in anti-magnetic protection, resistant to X-rays, and can be safely carried through security checks. With high compatibility, it seamlessly integrates with various digital devices, serving as a versatile companion for video recording, photography, music playback, gaming, data storage and so on. This product is users' go-to solution for reliable and versatile storage needs.

Functions

High-quality FLASH Memory Cell and Superior Performance
Adopts mainstream FLASH memory cell; superior performance and long service life.

Meeting Various Needs
Meets various user needs such as recording videos, taking photos, listening to music, playing games, and storing data.

High Compatibility
Compatible with various digital products.

Durable Design
Four types of protection: High and low temperature resistant, waterproof, anti-magnetic, and anti X-ray ; adapts to a variety of environments.

Easy to Swtich
Comes with a MicroSD adapter that allows it to switch to the SD card immediately.

Scene

As digital memory card, C100A series product is designed to meet consumers' demand for portable storage. It can be used to increase the storage capacity of mobile phones, music players, learning machines, and point reading machines, and used to store photos and videos on mobile phones, and games and data on game consoles.

Technical Specification

Technical

Product Model	DHI-TF-C100A-8GB	DHI-TF-C100A-16GB	DHI-TF-C100A-32GB	DHI-TF-C100A-64GB
Capacity	8GB	16GB	32GB	64GB
Manufacturing Processing	3D NAND FLASH			
Read Speed	Up to 23MB/s	Up to 80MB/s	Up to 90MB/s	Up to 95MB/s
Write Speed	Up to 16MB/s	Up to 50MB/s	Up to 15MB/s	Up to 30MB/s
Speed Rating	C10/U1/V10	C10/U1/V10	C10/U1/V10	C10/U3/V30
UHS	UHS-I			
TBW	20TB	14TB	16TB	33TB
File System	FAT32			
Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)			
Storage Temperature	−25°C to +85°C (−13°F to +185°F)			
Operating Humidity	25%–85% , non-condensing			
Four Types of Protection	High and low temperature resistant, waterproof, anti-magnetic, and anti X-ray			
Compatibility	Game consoles, mobile phones, tablets, digital stereo systems, computers, and more.			

Warranty	7-year limited warranty. The limited warranty requires that the product use does not exceed the maximum write amount of TBW. For detailed specifications and warranty policies, please refer to the official website.
Product Dimensions	15.0 mm × 11.0 mm × 1.0 mm (0.59" × 0.43" × 0.04")
Packaging Dimensions	120 mm × 80 mm × 5.8 mm (4.72" × 3.15" × 0.23")
Net Weight	1.5g
Gross Weight	13g
Reference Information	1. The capacity written on the product and package is nominal capacity. 2. 1 GB = 1 billion bytes, and the nominal capacity is not all for data storage. According to internal testing, the transmission speed varies with the devices, ports, environments, and other factors. 3. Warranty period or maximum write amount (TBW), whichever comes first. *Above data based on internal testing of Zhejiang Huayixin Technology Co., Ltd Laboratory. The actual performance might differ depending on the device it is being used with.

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Ordering Information

Type	Model	Description
C100A Series	DHI-TF-C100A-8GB	C100A TF Card(with adapter) (8 GB)
	DHI-TF-C100A-16GB	C100A TF Card(with adapter) (16 GB)
	DHI-TF-C100A-32GB	C100A TF Card(with adapter) (32 GB)
	DHI-TF-C100A-64GB	C100A TF Card(with adapter) (64 GB)
	DHI-TF-C100A-128GB	C100A TF Card(with adapter) (128 GB)
	DHI-TF-C100A-256GB	C100A TF Card(with adapter) (256 GB)
	DHI-TF-C100A-512GB	C100A TF Card(with adapter) (512 GB)

Technical Specification

Technical

Product Model	DHI-TF-C100A-128GB	DHI-TF-C100A-256GB	DHI-TF-C100A-512GB
Capacity	128GB	256GB	512GB
Manufacturing Processing	3D NAND FLASH		
Read Speed	Up to 95MB/s	Up to 90MB/s	Up to 85MB/s
Write Speed	Up to 65MB/s	Up to 65MB/s	Up to 80MB/s
Speed Rating	C10/U3/V30	C10/U3/V30	C10/U3/V30
UHS	UHS-I		
TBW	66TB	50TB	100TB
File System	FAT32		
Operating Temperature	0 °C to +70 °C (+32 °F to +158 °F)		
Storage Temperature	−25°C to +85°C (−13°F to +185°F)		
Operating Humidity	25%–85% , non-condensing		
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Net Weight	1.5g		
Gross Weight	13g		

Dimensions (mm[inch])