

DHI-TF-W100

W100 Wide-Temperature Memory Card



- Adopts mainstream 3D NAND flash memory cell ; meets requirements of wide temperature range; superior performance and long service life.
- Four types of protection: High and low temperature resistant, waterproof, anti-magnetic, and anti X-ray; adapts to various environments.
- Meets various user needs such as recording monitoring videos and entertainment.
- Compatible with various digital products.

System Overview

Strictly screened industry mainstream 3D NAND flash memory chips, with world-class main control chips, have been subjected to a number of rigorous tests at Dahua Technology security level to ensure stable transmission, reliable products and durability.

Suitable for outdoor and home surveillance video, smooth recording of high-definition video without jamming or frame dropping, with clear details.

Provide a variety of capacities from 32 GB to 256 GB, providing mass storage. Keep videos, pictures and music files without pressure.

Ultra-fast speed and wide compatibility, whether it's loading games in a handheld game player or downloading more applications on a tablet computer, it can be easily handled.

Functions

High-quality Flash Memory Cell and Superior Performance

Strictly screened industry mainstream 3D NAND flash memory chips; meets requirements of wide temperature range; superior performance and long service life.

Meets Various Needs

Meets various user needs such as video recordings and entertainment.

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.

Scene

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

Technical Specification

Product Model	DHI-TF-W100-32GB	DHI-TF-W100-64GB	DHI-TF-W100-128GB	DHI-TF-W100-256GB
Capacity	32 GB	64 GB	128 GB	256 GB
Manufacturing Process	3D NAND FLASH			
Read Speed	Up to 90 MB/s	Up to 90 MB/s	Up to 95 MB/s	Up to 95 MB/s
Write Speed	Up to 75 MB/s	Up to 45 MB/s	Up to 70 MB/s	Up to 85 MB/s
Speed Rating	C10/U1/V10	C10/U3/V30	C10/U3/V30	C10/U3/V30
UHS	UHS-I			
TBW	60TB	120TB	240TB	500TB
File System	FAT32	FAT32	FAT32	FAT32
Operating Temperature	-25 °C to +85 °C (-13 °F to +185 °F)			
Storage Temperature	-40 °C to +85 °C (-40 °F to +185 °F)			
Operating Humidity	5%–95% (non-condensing)			
Four Types of Protection	High and low temperature resistant, waterproof, anti-magnetic, and anti X-ray			
Compatibility	Cameras, game consoles, laptops, tablets, digital stereo systems, and more.			
Warranty	2-year warranty. It 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 mm × 11 mm × 1.0 mm (0.59" × 0.43" × 0.04")			
Packaging Dimensions	120 mm × 800 mm × 5.8 mm (5.12" × 3.94" × 0.23")			
Net Weight	0.16 g			
Gross Weight	8.6 g			

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

Ordering Information

Type	Model	Description
W100 Memory Card	DHI-TF-W100-32GB	Wide-Temperature Memory Card DHI-TF-W100-32GB
	DHI-TF-W100-64GB	Wide-Temperature Memory Card DHI-TF-W100-64GB
	DHI-TF-W100-128GB	Wide-Temperature Memory Card DHI-TF-W100-128GB
	DHI-TF-W100-256GB	Wide-Temperature Memory Card DHI-TF-W100-256GB

Dimensions (mm[inch])

