

# DHI-TF-W100

## W100 Wide-Temperature Memory Card



- Adopts mainstream flash memory cell with P/E cycle up to 3,000; 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

Adopts mainstream flash memory cell with P/E cycle up to 3,000; meets requirements of wide temperature range; superior performance and long service life. Four types of protection are supported: High and low temperature resistant, waterproof, anti-magnetic, and anti X-ray. The product can adapt to various environments. With high compatibility, it supports various digital and monitoring products. Users can rely on the product to shoot videos, take photos, listen to music, play games, and store data.

### Functions

#### High-quality Flash Memory Cell and Superior Performance

Adopts mainstream flash memory cell with P/E cycle up to 3,000; 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
Read Speed	Up to 100 MB/s	Up to 100 MB/s	Up to 100 MB/s	Up to 100 MB/s
Write Speed	Up to 85 MB/s	Up to 45 MB/s	Up to 75 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	85TB	170TB	340TB	680TB
File System	FAT32	exFAT	exFAT	exFAT
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	25%–85% (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	The 2-year lifetime 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 × 80 mm × 5.8 mm (4.72" × 3.15" × 0.23")
Net Weight	0.33 g
Gross Weight	12 g
Reference Information	<ol style="list-style-type: none"> <li>The capacity written on the product and package is nominal capacity.</li> <li>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.</li> <li>Warranty period or maximum write amount (TBW), whichever comes first. (The speed data comes from Dahua storage laboratory)</li> </ol>

## Ordering Information

Type	Model	Description
W100 SERIES	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])

