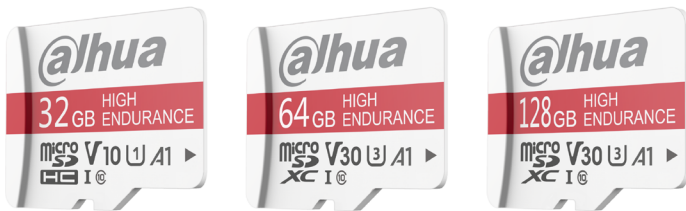


# DHI-TF-S100

## S100 High Endurance MicroSD Memory Card



### System Overview

Superior performance with write speed up to 90 MB/s; long service life with P/E cycle up to 3000; strong adaptability ideal for security cameras, car DVRs, mobile portable terminals, and more to meet the needs of continuous high-speed recording.

### Functions

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

Adopt high-quality flash memory cell, and advanced manufacturing process; P/E cycle is up to 3000; superior performance and long service life.

#### Meet Various Needs

Widely used in security cameras, car DVRs, mobile portable terminals, and other professional products; also ideal for cameras, drones, stereo systems, mobile phones, game consoles, and other consumer products.

#### Great for Capturing 4K UHD Video

With write speed up to 90 MB/s, the product is great for capturing HD and 4K UHD videos, and can display the scene vividly and clearly.

#### Durable Design

Four types of protection: High and low temperature resistant, waterproof, anti-magnetic, and anti X-ray (certified by authoritative test organisation); adapt to complex environments.

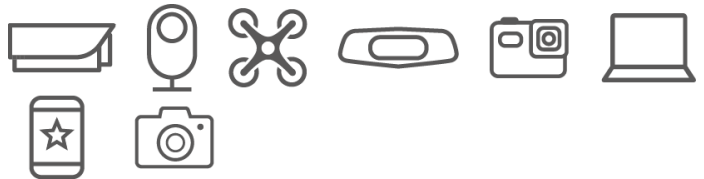
#### Inherit Advantages and All-inclusiveness

The product is developed with the leading technology and long-term experience of Dahua in the field of video surveillance to support stable and long-term uninterrupted HD recording.

#### Safety Protection and High Speed Recording

Support continuous high-speed recording of security cameras, car DVRs, mobile portable terminals, and more.

- Adopt high-quality flash memory cell; P/E cycle is up to 3000; superior performance and long service life.
- Strong adaptability; ideal for security cameras, car DVRs, mobile portable terminals, and more to meet the needs of continuous high-speed recording.
- High-speed writing; great for capturing HD and 4K UHD videos; display the scene vividly and clearly.
- Four types of protection: High and low temperature resistant, waterproof, anti-magnetic, and anti X-ray; adapt to complex environments.



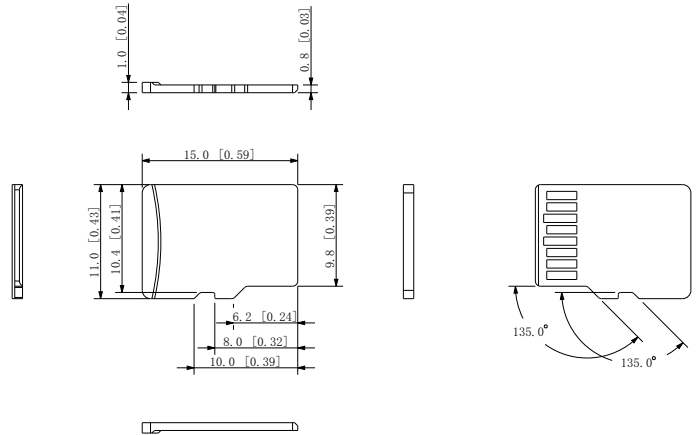
### Scene

The memory card is widely used in security cameras, car DVRs, mobile portable terminals, and other professional products, and it is also ideal for cameras, drones, stereo systems, mobile phones, game consoles, and other consumer products.

### Technical Specification

Product Model	DHI-TF-S100/32 GB	DHI-TF-S100/64 GB	DHI-TF-S100/128 GB
Capacity	32 GB	64 GB	128 GB
Manufacturing Process	TLC		
Read Speed	Up to 99 MB/s	Up to 100 MB/s	Up to 100 MB/s
Write Speed	Up to 25 MB/s	Up to 50 MB/s	Up to 90 MB/s
Speed Rating	C10/U1/V10/A1	C10/U3/V30/A1	C10/U3/V30/A1
UHS	UHS-I		
P/E	3000		
File System	FAT32	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	5% to 95% (non-condensing)		
Four Types of Protection	High and low temperature resistant, waterproof, anti-magnetic, and anti X-ray		
Compatibility	Monitoring/security cameras, car DVRs, mobile portable terminals, home network cameras, sports cameras, digital video recorders, drones, laptops, and more.		
Personalization	Data encryption, life warning, health detection (used with specific Dahua cameras)		
Warranty	2-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 mm × 11 mm × 1.0 mm (0.59" × 0.43" × 0.04")		
Packaging Dimensions	130 mm × 100 mm × 5.8 mm (5.12" × 3.94" × 0.23")		
Net Weight	0.33 g		
Gross Weight	11.3 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.</li> </ol>		

### Dimensions (mm[inch])



### Ordering Information

Type	Model	Description
Memory Card	DHI-TF-S100/32 GB	S100 High Endurance MicroSD memory card (32 GB)
	DHI-TF-S100/64 GB	S100 High Endurance MicroSD memory card (64 GB)
	DHI-TF-S100/128 GB	S100 High Endurance MicroSD memory card (128 GB)