

# DHI-TF-C100

## C100 microSD 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.

### System Overview

DHI-TF-C100 series product adopts mainstream flash memory cell. It has 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 products. Users can rely on the product to record 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; 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.

### Scene

As digital memory card, DHI-TF-C100 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

| Product Model            | DHI-TF-C100/32GB                                                                                                                                                                                                      | DHI-TF-C100/64GB | DHI-TF-C100/128GB | DHI-TF-C100/256GB | DHI-TF-C100/512GB |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|-------------------|-------------------|
| Capacity                 | 32 GB                                                                                                                                                                                                                 | 64 GB            | 128 GB            | 256 GB            | 512 GB            |
| Read Speed               | Up to 90 MB/s                                                                                                                                                                                                         | Up to 95 MB/s    | Up to 95 MB/s     | Up to 90 MB/s     | Up to 85 MB/s     |
| Write Speed              | Up to 15 MB/s                                                                                                                                                                                                         | Up to 30 MB/s    | Up to 65 MB/s     | Up to 95 MB/s     | Up to 80 MB/s     |
| Speed Rating             | C10/U1/V10                                                                                                                                                                                                            | C10/U3/V30       | C10/U3/V30        | C10/U3/V30        | C10/U3/V30        |
| UHS                      | UHS-I                                                                                                                                                                                                                 |                  |                   |                   |                   |
| TBW                      | 16TB                                                                                                                                                                                                                  | 33TB             | 66TB              | 50TB              | 100TB             |
| File System              | FAT32                                                                                                                                                                                                                 | FAT32            | FAT32             | FAT32             | 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       | 5%–95% (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               | 0.16 g                                                                                                                                                                                                                |                  |                   |                   |                   |
| Gross Weight             | 8.5 g                                                                                                                                                                                                                 |                  |                   |                   |                   |

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| Reference Information | <div>1. The capacity written on the product and package is nominal capacity.</div> <div>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.</div> <div>3. Warranty period or maximum write amount (TBW), whichever comes first.</div> <div>*Above data based on internal testing of Zhejiang Huayixin Technology Co., Ltd Laboratory</div> |
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| Ordering Information |                   |                                   |
|----------------------|-------------------|-----------------------------------|
| Type                 | Model             | Description                       |
| C100 Memory Card     | DHI-TF-C100/32GB  | C100 microSD Memory Card (32 GB)  |
|                      | DHI-TF-C100/64GB  | C100 microSD Memory Card (64 GB)  |
|                      | DHI-TF-C100/128GB | C100 microSD Memory Card (128 GB) |
|                      | DHI-TF-C100/256GB | C100 microSD Memory Card (256 GB) |
|                      | DHI-TF-C100/512GB | C100 microSD Memory Card (512 GB) |

