

H1 Series Micro SD (TF) Card

Introduction

Hikvision H1 Series Micro SD (TF) Card for Surveillance is specially designed for video surveillance recording with a Class 10 read/write speed. It adopts MLC NAND, fully satisfying the requirements of high read-write speed, stability and durability for video surveillance. Collocated with Hikvision cameras, it features life forewarning, health monitoring, and read/write lock which secure user data safety to the largest extent.



Available Models

HS-TF-H1I/32G,
HS-TF-H1I/64G

Features and Functions

- **MLC NAND with High Durability**
 - Adopt MLC storage NAND with higher durability; and the service life can be increased to about 10 times longer than that of common Micro SD (TF) cards which adopt TLC storage NAND in the same operating environment;
- **S.M.A.R.T. Mechanism**
 - Unique functions of life forewarning and health monitoring when used with Hikvision cameras. It can calculate the remaining available time based on the past records of use frequency and the number of bad blocks, and realize real-time warning to secure user data to the largest extent;
- **Unique Security Mechanism**
 - Unique function of read-write lock when used with Hikvision cameras, preventing irrelevant personnel from reading or writing even if they get the Micro SD (TF) card;
- **Special Storage Algorithm**
 - Embedded with special storage algorithm of Hikvision; and longer service life if used with Hikvision cameras;
- **Ultra-Strong Adaptability**
 - Waterproof, shock proof, X-ray proof, and temperature proof to perform normally in various harsh environments.



Specifications

Model	HS-TF-H1I	
Total capacity	32 GB	64 GB
Available capacity	29.8 GB	59.2GB
Max. read speed	90 MB/s	90 MB/s
Max. write speed	46 MB/s	28 MB/s
File system	FAT32	exFAT
Format	MicroSDHC	MicroSDXC
Speed	Class10, U1	Class10, U1
Dimensions	14.99 x 10.92 x 1.02mm (0.59 x 0.43 x 0.04 in)	
NAND flash memory	MLC (Multi-Level Cell)	
Storing temperature	-40 °C to +85°C (-40 °F to +185 °F)	
Operating temperature	-25°C to +85 °C (-13 °F to 158 °F)	
Compatibility	Compatible with MicroSDHC, MicroSDXC, MicroSDHC UHS-I and MicroSDXC UHS-I host devices	
warranty	2 years	

Note: Performance test is performed in specific testing environment. Any change of the computer system, operation system, hardware, software, or functions will influence the test result.



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