

Hikvision H Series Micro SD (TF) Card for Surveillance



Introduction

Hikvision H 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

DS-UTF32GI-H1, DS-UTF64GI-H1.

Main Features

- **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, copying 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;

- **Ultrastrong adaptability**

Waterproof, shock proof, X-ray proof, and temperature proof to perform normally in various harsh environments.

Specifications

Capacity	64 GB (microSDXC™)	32 GB (microSDHC™)
Performance/Speed	Class 10; 25MB/s read and 20MB/s write	
Card Dimensions	14.99 mm × 10.92 mm × 1.02 mm (0.59" × 0.43" × 0.04")	
Operating temperature	-25°C to 85°C	
Storage temperature	-40°C to 85°C	
Compatibility	Compatible with microSDHC, microSDXC, microSDHC UHS-I and microSDXC UHS-I host devices	
Warranty	2-year limited warranty	

Service Life Estimation

Micro SD (TF) Card Capacity	Bitrate (Mbps)	Service life (hour)	Service life (year)
32GB	2	54600	6.2
	3	36400	4.2
	4	27300	3.1
	5	21800	2.5
	6	18200	2.1
	10	10900	1.2
	12	9100	1.0
64GB	2	109200	12.5
	3	72800	8.3
	4	54600	6.2
	5	43690	5.0
	6	36400	4.2
	10	21800	2.5
	12	18200	2.1

Note: The service life listed in the table is estimated on the condition of uninterrupted video recording for 7*24 hours, and it is for reference only.