

GUARD RPO SD CARD

Introduction

HIKSEMI P10 SD Card for Surveillance is specially designed for video surveillance recording with a Class 10 read/write speed. It adopts 3D TLC NAND, fully satisfying the requirements of high read-write speed, stability and durability. Collocated with Hikvision cameras, it features life forewarning, health monitoring, and read/write lock which secure user data safety to the largest extent.



Features

- **3D TLC NAND with High Durability**

The service life can be increased to about 10 times longer than that of common SD 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 SD Card.

- **Special Storage Algorithm**

Embedded with special storage algorithm of Hikvision; and longer service life if used with Hikvision cameras.

- **All-Weather Durability**

Support -25°C to 85°C temperature range. Built for 7*24H all-weather continuous recording. Waterproof, shock proof, X-ray proof, and temperature proof to handle various harsh environments with ease.

Ordering Information

Capacity	Model
32 GB	HS-SD-P10 32G
64 GB	HS-SD-P10 64G
128 GB	HS-SD-P10 128G
256 GB	HS-SD-P10 256G
512 GB	HS-SD-P10 512G
1TB	HS-SD-P10 1T



Note

Please contact the local sales for detailed model information.

Specification

Model	HS-SD-P10					
Capacity	32 GB	64 GB	128 GB	256 GB	512 GB	1TB
Max. Read speed	100 MB/s					
Max. Write speed	25 MB/s	50 MB/s	90 MB/s	90 MB/s	90 MB/s	90 MB/s
File format	FAT32					exFAT
Specification	SDHC	SDXC				
Speed specifications	Class 10,U1	Class 10,U3				
NAND flash memory	eTLC					
Dimensions	1.26" x 0.94" x 0.08"（32mm x 24mm x 2.1mm）					
Working Temperature	-25 °C to 85 °C (-13 °F to 185 °F)					
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)					
Compatibility	Compatible with SDHC, SDXC, SDHC UHS-I and SDXC 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.

Revision History

Version	Description	Date
V1.0.0	HS-SD-P10	20241118

Data subject to change without notice.

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