

## P1 Series Micro SD (TF) Card

### Introduction

Hikvision P1 Micro SD (TF) 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 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

Model	Description
HS-TF-P1(STD)/32G	Surveillance P1 Series 32GB
HS-TF-P1(STD)/64G	Surveillance P1 Series 64GB
HS-TF-P1(STD)/128G	Surveillance P1 Series 126GB
HS-TF-P1(STD)/256G	Surveillance P1 Series 256GB

### Features and Functions

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

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

Total capacity	32GB	64GB	128GB	256GB
Max. read speed	95MB/s	95MB/s	95MB/s	95MB/s
Max. write speed	25MB/s	50MB/s	85MB/s	85MB/s
NAND flash memory	eTLC			
Speed	Class10, U1,V10	Class10,U3,V30	Class10,U3,V30	Class10,U3,V30
Dimensions	0.59" x 0.43" x 0.04" ( 14.99mm x 10.92mm x 1.02mm )			
Operating temperature	-25°C ~ 85°C(-13 °F to +185 °F)			
Storing temperature	-40°C ~ 85°C(-40 °F to +185 °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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