

## HS-TF-P1

### 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.



### Features

- **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.

### Ordering Information

Capacity	Model
32 GB	HS-TF-P1(STD)/32G
64 GB	HS-TF-P1(STD)/64G
128 GB	HS-TF-P1(STD)/128G



#### Note

Please contact the local sales for detailed model information.

## Specification

Model	HS-TF-P1		
Capacity	32GB	64GB	128 GB
Max. Read speed	99 MB/s	99 MB/s	100 MB/s
Max. Write speed	82 MB/s	83 MB/s	85 MB/s
NAND flash memory	eTLC		
Speed	Class10, U1,V10	Class10,U3,V30	Class10,U3,V30
Dimensions	0.59" x 0.43" x 0.04" (14.99mm x 10.92mm x 1.02mm)		
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 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.

## Revision History

Version	Description	Date
V1.0.0	HS-TF-P1	20210914
V1.0.1	Data Update	20211028

Data subject to change without notice.

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The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the HIKSTORAGE website (<http://en.hikstorage.com/>).

