

# Samsung PRO Endurance microSD Card (SD Adapter) 32GB



## General Feature

### Product Type

microSDHC Memory Card

### Product Name

PRO Endurance

### Application

Surveillance & Security (IP/Home/Network) cams, Dash cams, Body cams, and other always-on applications.

### Capacity

32GB, (1GB=1,000,000,000 bytes) \* Actual usable storage capacity is measured with SD Formatter 3.1 tool with exFAT file system and may be less than labeled capacity.

### Interface

UHS-I SDR104 \* SDR104:1.8V Signaling, Frequency up to 208 MHz, speeds up to 104 MB/sec, max. power consumption 800mA (varies by test conditions).

### Dimension (WxHxD)

15 x 11 x 1 (mm)

### Weight

Approx. 0.5g

### Accessory

SD adapter

## Reliability

### Endurance

up to 17,520 hours (or 2 years) of Full HD recording \* Based on Full HD (1920x1080) video content recorded at 26 Mbps Video support.

### Warranty

Limited 2 year warranty \* SD adapter : limited 1 year warranty

## Performance

### Speed

Read : up to 100 MB/s, Write : up to 30MB/s \* Performance results are based on internal testing conditions. Read/write speeds may vary by host device.

### Speed Class

Class 10

## Environment

### 4-proof

1) Temperatures : Withstands -25°C to 85°C (-13°F to 185°F) operating, -40°C to 85°C (-40°F to 185°F) non-operating 2) Water : IEC60529, IPX7 / up to 72 hours in salt water 3) X-ray : Airport X-ray machines (up to 50 Roentgen) 4) Magnet : The equivalent of a high-field MRI scanner (up to 15,000 gauss)

### Operating Voltage

2.7~3.6V

### Humidity

Up to 40°C, 93%, 500hr (storage)

### Durability

Up to 10,000 insertion/removal cycles

## Certification

### EMC

FCC, CE, VCCI, NATA

## Disclaimer

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1) Samsung is not liable for any damages and/or loss of data or expenses incurred due to memory card data recovery. The results are based on internal tests, features and specs may vary by actual usage conditions. 2) The Samsung product authentication for memory cards and USB flash drives is available at: [www.samsung.com/support](http://www.samsung.com/support)