

# Specifications

## Speed

**Read : up to 100 MB/s,  
Write : up to 40MB/s \***  
**Performance results are  
based on internal testi...**

## Speed Class

**U3, V30, Class 10**

## Interface

**UHS-I (SDR104)**

## General Feature

### Product Type

microSDXC™ Memory Card

### Product Name

PRO Endurance

### Application

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

### Capacity

256GB, (1GB=1,000,000,000 bytes)  
\* Actual storage capacity may be  
lower than the labeled capacity. Part  
of the storage may be used for  
system files and other storage  
control purposes.

### Interface

UHS-I (SDR104)

### Dimension (Pack: WxHxD)

15 x 11 x 1 (mm)

### Weight

Approx. 0.25g

### Accessory

SD adapter

## Reliability

### Endurance

Up to 140,160 hours (or 16 years) of  
Full HD recording \* Based on Full  
HD (1920x1080) video content  
recorded at 26 Mbps Video support.

### Warranty

Limited 5 year warranty \* Warranty  
for SD adapter is limited to 1 year.

## Performance

### Speed

Read : up to 100 MB/s, Write : up to 40MB/s \* Performance results are based on internal testing conditions. Read/write speeds may vary by host device.

### Speed Class

U3, V30, Class 10

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## Environment

### Operating Voltage

2.7~3.6V

### Non-Operating Temperature

-40°C to 85°C (-40°F to 185°F)

### Operating Temperature

-25°C to 85°C (-13°F to 185°F)

### Magnetic

15,000 Gauss/30sec

### X-ray

100mGy/210sec (ISO/IEC7816-1)

### Water

1M, 3% NaCl, 72hrs

### Humidity

40°C, 93%, 500hr (storage)

### Durability

10,000 insertion/removal cycles

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## Certification

### EMC

CE(UKCA)/FCC/VCCI/RCM

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## Disclaimer

### Disclaimer

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)

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