



High Endurance microSD Cards

High Endurance microSD Series



- TS**16/32G**USDHC10V, TS**64G**USDXC10V
- **MLC**
- Specially developed for **high endurance** applications.
- Ideal for **automotive recorders** and **surveillance systems**, including security cameras, IP cameras, etc.



Automotive
Recorders



Security
Cameras



IP
Cameras

Features

- **High durability**, ideal for long-hours of video recordings and playbacks.
- Tested under harsh conditions.
- Support up to **12,000 hours*** of **Full HD 1080P** video recording.

Video Recording Lifetime

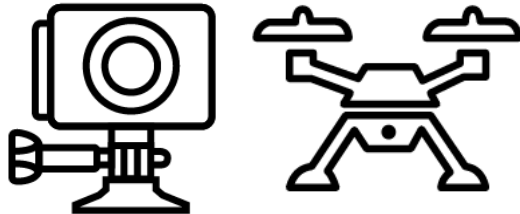



Full HD*	64GB	32GB	16GB
	12,000 hours	6,000 hours	3,000 hours

- **Extremely Protective:**
 - **Waterproof** (IPX7)
 - **Temperature Proof** (-25° to 85°C)
 - **Static Proof** (EMC IEC61000-4-2)
 - **X-ray Proof** (ISO7816-1) immune to Airport X-rays
 - **Shock Proof**



*Based on Full HD (1920x1080P) video content recorded at 26 Mbps at 30°C on Transcend DrivePro series. Results may vary depending on host device.

Application Comparison (1)

Application*	<ul style="list-style-type: none"> • Action Cameras • Drone Cameras  <p>Need cards with high speed</p>	<ul style="list-style-type: none"> • Automotive Recorders • Security Cameras • IP Cameras  <p>Need cards with high endurance</p>
Suggested Solution	 <p>UHS-I U3 633x</p>	 <p>High Endurance</p>

*Note: application also includes but not limited to mobile phones and digital cameras.

Application Comparison (2)

**UHS-I U3
633x**



High Endurance



P/N	TSxGUSDU3	TSxGUSDHC10V TSxGUSDXC10V
Capacity	32 - 64GB	16 – 64GB
Advertised Speed (Read/Write)	Up to 95/60 MB/s	Up to 21/20 MB/s
Feature	<ul style="list-style-type: none"> • High Speed • Ideal for capturing Full HD, 3D, and 4K video recording 	<ul style="list-style-type: none"> • High Endurance • Ideal for long-hours of video recordings and playbacks

Packaging

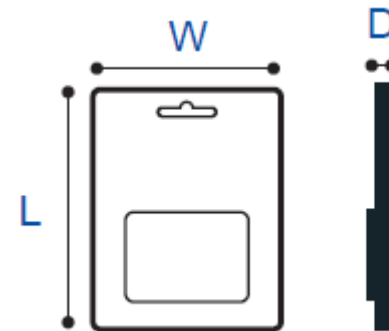


TS64GUSDXC10V

- Single pack size:

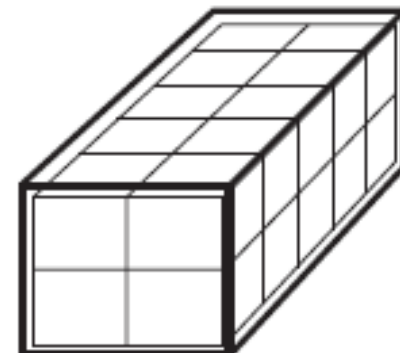
*Size(LxWxD): 129x101x5mm

Size(LxWxD): 5.08x3.98x0.196inch



- Package Carton: 80-6152 (52x29x23.5cm)

- Single pack / Carton: 500pcs



High Endurance microSD Highlight



Selling Points

- **MLC** NAND flash chips inside
- **High durability and stability**
- Extremely protective
- Support **1080P Full HD** recording
- Up to **12,000 hours** of video recording with 64GB

Market

- Sandisk High Endurance Video Monitoring
- Automotive Recorders / Security Cameras



Thank You