

SD Cards For IP Security Cameras

Sony's Edge Storage Solution for IP Security Cameras



Overview

32GB, 64GB and 128GB SR-VM and SR-WM series microSD memory cards. Longer lifespan and card diagnostics make microSD card ideal for heavy-use IP security camera recordings.

Sony's longer-life SR-VM and SR-WM series microSD memory cards are ideal for use with IP security cameras. Since microSD cards are overwritten repeatedly during video recording on IP security cameras, their lifespan tends to be shorter compared to other applications. Sony's microSD cards incorporate high endurance flash memory designed to last longer than low-cost consumer microSD cards. Combined with maintenance notification safeguards and a card diagnostic tool, the cards are ideal for heavy-duty use.

The SR-VM series cards come in three sizes: 32GB, 64GB and 128GB and are designed for use at regular operational temperatures (-25°C~85°C).

The SR-WM series cards come in three sizes: 32GB, 64GB and 128GB and are designed for use at wider operational temperatures (-45°C~85°C).

- **Longer lifespan professional microSD cards**

Sony has combined its expertise in flash memory cards with its camera experience to create a microSD card ideal for IP security camera applications. Adoption of high endurance MLC NAND flash memory extends the card's lifespan by approximately 10 times longer than consumer microSD card with TLC NAND flash memory*.

* This estimation is based on the condition where the recording video bit rate is 4Mbps. The actual lifespan may vary depending on the IP security camera used and other factors.

- **Lifespan Notification* safeguards against sudden stops of recording**

Lifespan Notification safeguards against sudden stops of recording due to reaching to the limit of rewriting cycles when it's time to be replaced.

* This function works with compatible IP security camera products only.

Card diagnostic tool for trouble-shooting

- The card diagnostic tool (SD Card Info Viewer) is useful for trouble-shooting with the cards. The free to download software allows you to check the card status in detail when you encounter recording errors. The software is available when you purchase the SR-VM and SR-WM series microSD cards and can be downloaded from a Sony's support site*.

* Download from: http://www.sony.net/Products/memorycard/en_us/ipcamsd/dl.html

Technical Specifications

Specifications	
● Capacity	<p>Regular Operation Temperature Model: SR-32VMA & SR-32VM: 32GB SR-64VMA & SR-64VM: 64GB SR-G1VMA & SR-G1VM: 128GB</p> <p>Wide Operation Temperature Model SR-32WMA & SR-32WM: 32GB SR-64WMA & SR-64WM: 64GB SR-G1WMA & SR-G1WM: 128GB</p>
● Speed Class	Class10
● UHS Bus Speed	UHS-I (SDR104)
● UHS Speed Class	U3
● Video Speed Class	Not supported
● Seq. Read speed (Max.)	95MB/s
● Seq. Write speed (Max.)	60MB/s
● Lifespan Notification	✓
● Operation Temp.	<p>Regular Operation Temperature Model: -25°C ~ +85°C Wide Operation Temperature Model: -40°C ~ +85°C</p>
● TBW	<p>SR-32VMA & SR-32VM: 68TB SR-64VMA & SR-64VM: 137TB SR-G1VMA & SR-G1VM: 274TB</p> <p>SR-32WMA & SR-32WM: 68TB SR-64WMA & SR-64WM: 137TB SR-G1WMA & SR-G1WM: 274TB</p>
● Accessory	<p>SR-32VMA & SR-64VMA & SR-G1VMA & SR-32WMA & SR-64WMA & SR-G1WMA: SD card adapter</p> <p>SR-32VM & SR-64VM & SR-G1VM & SR-32WM & SR-64WM & SR-G1WM: -</p>

Notes	
● *1	*Only difference between SR-xxA and SR-xx is accessory (SD card adapter)

Compatible Products

Fixed



SNC-VB632D
Outdoor Dual-light Bullet
1080p/60 fps Camera
Powered by IPELA ENGINE
EX™



SNC-VB642D
Outdoor bullet-type Full HD
IP Network Camera with IR
(V-Series)



SNC-VB770
Ultra High Sensitivity 4K
Network Camera with 35
mm Full-frame Exmor™
CMOS Sensor

Minidomes



SNC-VM632R
Outdoor IR Ruggedized
1080p/60 fps Camera
Powered by IPELA ENGINE
EX™ - V Series



SNC-VM642R
Outdoor ruggedised
minidome Full HD IP Network
Camera with IR (V-Series)



SNC-VM772R
4K Outdoor IR Ruggedised
Camera with Large-sized
Exmor R™ CMOS Sensor



SNC-XM631
Minidome 1080p/30 fps
Camera Powered by IPELA
ENGINE EX™ - X Series



SNC-XM632
Minidome 1080p/30 fps
Camera Powered by IPELA
ENGINE EX™ - X Series