

PGS WORM CARD



PGS Co., Ltd. has just launched SD card "PGS WORM CARD" that implemented with data tampering protection function for electronic photo data evidence preservation.

"PGS WORM CARD" is an one time memory card that can be used with SD WORM compatible equipment.

Due to "PGS WORM CARD" only can be written in corresponding host devices, the card is carried out a photographic record such as proof of scientific investigation, forensic science, and other investigations that are strictly required highest image authenticity (The fact that the camera is necessary to shoot a "fact" without any doubts.)

Once data are written on "PGS WORM CARD", it can NOT altered, overwritten, renamed, regardless of camera or PC. Initialization is also impossible on this card. Of course "PGS WORM CARD" cannot be pasted additional images on PC. Also, these cannot be done on SD WORM host equipment as well.

In general, SD host devices, "PGS WORM CARD" works as a read only memory. It can read, but it cannot write on the card.

Specifications

Reliability

- 100year archive life *1
- 1GB
- SLC NAND

Performance

- Sustained read/Sustained write : 22MB/S *2 / 14MB/S(T.B.D) *2

Characteristics

- SD interface

Electrical Specifications (SDA physical layer spec ver2.0)

- DC supply:2.7 V to 3.6 V
- Standby current:400 uA (max)
- Active current (typ)
- Read:100 mA (max) / write:100 mA (max)

Environmental Specifications

- Operating temperature:-25°C~85°C
- Non- operating temperature:-25°C~85°C
- Humidity:25% to 95% (non-condensing)
- Vibration:15 G (max)
- Shock:1,000 G (max)
- Acoustic noise (at 1meter) :0 dB

Physical Specifications

- Weight:2.0 g (max)
- Dimensions:32mm×24 mm×21 mm

Use equipment

- SD WORM compatible equipment

The order model number

SDSDWRM-001G-J-P

*1. Based on reliability date from internal, accelerated lifespan testing for cards stored at normal room temperature, with humidity and protection.

*2. Based on internal testing; performance may be lower depending upon host device.

1 megabyte (MB) =1 million bytes. Some capacity not available for data storage

* Specifications of the product are subject to change without prior notice.

Contact us for the updated product information.

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