

MEMORY CARDS

SDXC, Extreme high speed SD card



- Comply to the Secure Digital Association 3.0 specification
- Ultra high speed 90MB/s read and 45MB/s write
- MLC NAND Flash technology
- Capacity 64GB ~ 256GB Class 10
- Temperature range -0°C ~ 70°C
- Conforms to ISO7816-1 UV Guard & X-Ray Proof
- Extreme rugged, vibration, water and shock resistant
- Faster speed with UHS-1 for extreme performance
- Made in Taiwan - Fixed BOM

Host device must be able to support SDXC. Maximum transfer speed requires UHS-1 compatible device. Suitable for advanced cameras, HD camcorders, surveillance cameras

Technical data:

Electrical & performance:

Interface:	9-pin. Supports both version 2.0 & 3.0
Operating frequency:	50MHz
DC input voltage:	2.7-3.6VDC
Power consumption:	110mA (typical)
Transfer rate:	Read 90MB/s and write 45MB/s

Environmental:

Temperature range:	0°C ~ +70°C
Storage temperature:	-25° C ~ +85°C
Humidity:	10% ~ 95%, non-condensing
Vibration:	5G (10-500Hz), 20G (60-2000Hz)
Shock:	1500G (0.5ms)
ESD proof:	Yes, +/-4kV
Acoustic noise:	0dB
IP class:	IPX7

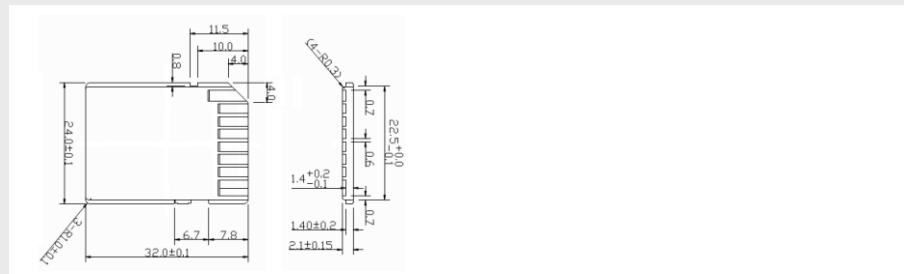
Reliability:

Endurance:	>2.000.000 cycles
Program/Erase cycles:	MLC: 100.000 times
Data retention:	10 years
Number of Insertion reliability:	10.000 times
MTBF:	3.000.000 hours

Mechanical & Certificates:

Size:	32x24x2.1mm
Weight:	2g (SD card only), 7g packed in small minicase
Certificate:	CE/FCC/RoHS/BSMI

Dimensions:



Ordering information:

Model number	Capacity
SDXC064GM0	64GB
SDXC128GM0	128GB
SDXC256GM0 (available in July 2014)	256GB