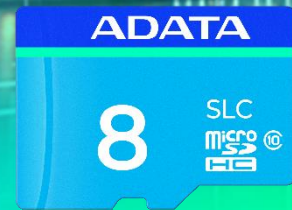


microSD Card

IUDD362



The ADATA IUDD362 industrial-grade microSD cards implement SLC NAND Flash for superb reliability. They also feature low power consumption, high reliability, and compatibility across diverse removable storage applications that require security, convenience, performance, and capacity. With a wide temperature tolerance range of -40°C to 85°C, the IUDD362 can operate normally even in harsh environments.

Features

- SLC NAND Flash for great durability and longevity
- 60K P/E Cycles – excellent endurance and reliability
- Supports BCH ECC (Error Correcting Code) technology
- Wide-Temperature operability: -40°C to 85°C
- Supports Wear Leveling and S.M.A.R.T. Monitor
- Suitable for industrial automation, surveillance, POS, healthcare and in-vehicle applications

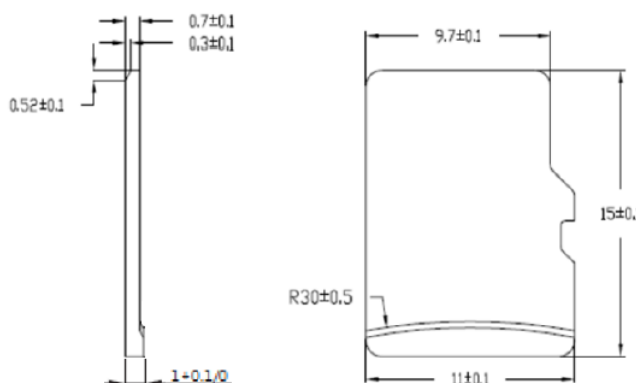
Ordering Information

Operating Temp.	1GB	2GB	4GB	8GB
-40°C to 85°C	IUDD362-001GW	IUDD362-002GW	IUDD362-004GW	IUDD362-008GW

Specifications

Model	IUDD362
Form Factor	microSD
Capacity	1GB – 8GB
Interface	SD 1.1/2.0 (1GB/2GB), SD 3.0 (4GB/8GB)
Flash Type	SLC
Dimensions (L x W x H)	11 x 15 x 1mm
Sequential Read (Max.)	(SD 2.0) 23MB/s, (SD 3.0) 31MB/s
Sequential Write (Max.)	(SD 2.0) 19MB/s, (SD 3.0) 29MB/s
Speed Class	Speed Class : Class 10
Operating Temperature (Standard)	-
Operating Temperature (Industrial)	-40°C to 85°C
Operating Voltage	3.6V
Power Consumption (Max.)	0.5W
Shock Resistance	1500G/0.5ms, Half Sine Wave
Operating Humidity	5%-95% RH, non-condensing
Vibration Resistance	20G (20-2000Hz)
Technologies	BCH ECC, Wear Leveling, Garbage Collection, Bad Block Management, S.M.A.R.T. Monitor

Diagram



Unit: mm

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