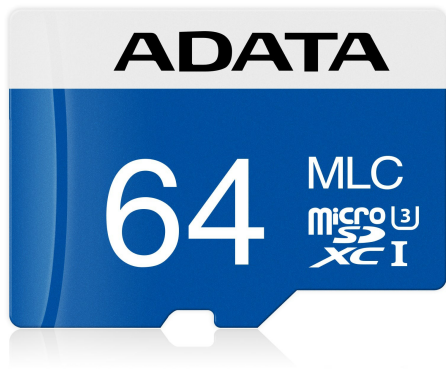


IDU3A

DescriptionSpecificationsOrdering InfoData Sheet

Home / Industrial SD / IDU3A



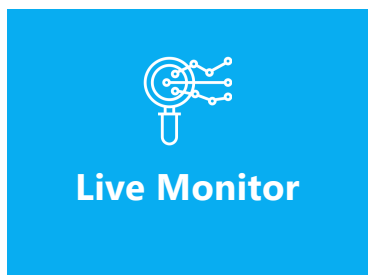
- Compliant with SD 3.0 specifications
- Capacity up to 64GB
- Supports SD and SPI modes
- Supports Auto Standby and Sleep Mode
- Industrial-grade extended temperature range of -40°C to +85°C
- Suitable for handheld GPS, smart phones, mobile computers and other compatible industrial devices



Description

ADATA's Industrial Grade SD card features high performance, low power consumption, high reliability and superb transfer rates. The card is suitable for removable storage applications that require security, convenience, performance and capacity. The industrial-grade extended temperature range of -40°C to +85°C is suitable for demanding industrial environments that require high reliability. ADATA's Industrial Grade SD card supports a range of technology, including error correcting code (ECC), which ensures the integrity of data transfers by automatically detecting and correcting errors, and wear leveling technology, which ensures data is written evenly across all sectors, extending the life of the memory card.

Applied Technology



Specifications

Capacity	8GB~64GB
Dimensions (L x W x H)	11 x 15 x 1mm
Interface	SD 3.0 Compliance
Operating Voltage	DC 2.7V-3.6V
Power Consumption	0.5W
Downloaded from Arrow.com	

Shock Resistance	1500G/0.5ms
Operating Humidity	0°C to 55°C / 5%~95% RH, non-condensing
Flash Type	MLC
Sequential Read (Max*)	95MB/s
Sequential Write (Max*)	80MB/s
Data Transfer Mode	SD 1.1/2.0/3.0
Operating temperature (Industrial)	-40°C to +85°C
Operating temperature (Commercial)	-25°C to +85°C
Vibration Resistance	20G(10~2000Hz)
S.M.A.R.T.	Supported
Application	GPS, Handheld device, Smartphone, Mobile computer
Technologies	ECC, Wear Leveling, Flash Management

Ordering Info

ADATA Part No.	Capacity	Description
IDU3A-004GA	4GB	Industrial SD A+SLC, Normal, 0~70°C
IDU3A-004GE	4GB	Industrial SD A+SLC, Wide, -40~+85°C
IDU3A-008GA	8GB	Industrial SD A+SLC, Normal, 0~70°C
IDU3A-008GE	8GB	Industrial SD A+SLC, Wide, -40~+85°C
IDU3A-008GM	8GB	Industrial SD MLC, Normal, 0~70°C
IDU3A-008GT	8GB	Industrial SD MLC, Wide, -40~+85°C
IDU3A-016GA	16GB	Industrial SD A+SLC, Normal, 0~70°C
IDU3A-016GE	16GB	Industrial SD A+SLC, Wide, -40~+85°C
IDU3A-016GM	16GB	Industrial SD MLC, Normal, 0~70°C
IDU3A-016GT	16GB	Industrial SD MLC, Wide, -40~+85°C
IDU3A-032GA	32GB	Industrial SD A+SLC, Normal, 0~70°C
IDU3A-032GE	32GB	Industrial SD A+SLC, Wide, -40~+85°C
IDU3A-032GM	32GB	Industrial SD MLC, Normal, 0~70°C
IDU3A-032GT	32GB	Industrial SD MLC, Wide, -40~+85°C
IDU3A-064GM	64GB	Industrial SD MLC, Normal, 0~70°C
IDU3A-064GT	64GB	Industrial SD MLC, Wide, -40~+85°C

Data Sheet



 United States / English

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