

MSD-064G IP SECURITY MICROSD CARD 64GB

Industrial microSD Card



Industrial microSD cards from Western Digital that deliver endurance, reliability, extended temperature range, and longevity.

Designed and tested to withstand harsh environmental conditions. The Industrial microSD cards take advantage of a powerful set of features available in the Industrial series: Health Status Monitoring for proactive maintenance, automatic read refresh to ensure data integrity, and host lock to enable data privacy. Fast read and write performance enables high bit-rate video streams for demanding imaging applications such as enterprise video surveillance.

The Industrial microSD cards come with an extended 5-year warranty.

Functions

Compatible with Bosch cameras for local recording

The microSD cards are compatible with all Bosch cameras with an SD card slot for local recording, including support for Health Status Monitoring.

Edge recording

Edge recording eliminates the need to have on-site servers, NVRs, as video storage is decentralized. This function can also be setup as a secondary system that works along with centralized recording.

Industrial microSD cards integrate advanced edge recording, providing a reliable storage solution, by combining the following functions:

- Pre-alarm recording in RAM reduces write cycles on the microSD card, extending the lifetime significantly
- Industrial microSD cards support allows for extreme lifetime



- ▶ Industrial microSD card with compact design
- ▶ Extreme endurance
- ▶ Health Status Monitoring allowing proactive maintenance
- ▶ Compatible with Bosch cameras with microSD card slots for local recording
- ▶ 5-year warranty

- Health Status Monitoring support to be able to send a Lifespan alarm being able to do proactive maintenance

Regulatory information

Standard	Type
Emissions	EN 55032: 2015 Class B
Environmental	RoHS EU: 2011/65/EU (as amended by Directive (EU) 2015/863) EMC EU: 2014/30/EU EN 55024: 2010
Immunity	EN 61000-4-2: 2009
Marks	CE, UKCA, C-tick, FCC, EAC, REACH, WEEE

Parts included

Quantity	Component
1	microSD card

Technical specifications

Storage	
Memory card capacity (GB)*	64 GB

*1 GB equals 1 billion bytes. Actual user capacity may be less depending on operating environment.

Performance

Interface	SD6.0 UHS-I 104
Sequential write speed	50 MB/s
Sequential read speed	100 MB/s
Endurance	MSD-064G: 32 TBW
Speed class	10, U1/U3, V10/V30

Functionality

Proactive maintenance	Health Status Monitoring (CPP4, CPP6, CPP7, CPP7.3)
Data retention	10 years data retention at 55 °C for fresh devices

Mechanical

Dimensions (H x W x D) (mm)	15 mm x 11 mm x 1 mm
Weight (g)	0.25 g
Color	White

Environmental

Operating temperature (°C)	-25 °C – 85 °C
Operating temperature (°F)	-13 °F – 185 °F

Ordering information**MSD-064G IP SECURITY MICROSD CARD 64GB**

64 GB industrial microSD card with health status monitoring

Order number **MSD-064G | F.01U.394.680**

Represented by:

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
www.boschsecurity.com/xc/en/contact/
www.boschsecurity.com

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Ring 5
85630 Grasbrunn
Tel.: +49 (0)89 6290 0
Fax: +49 (0)89 6290 1020
de.securitysystems@bosch.com
www.boschsecurity.com

North America:
Bosch Security Systems, LLC
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
onlinehelp@us.bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
www.boschsecurity.com/xc/en/contact/
www.boschsecurity.com