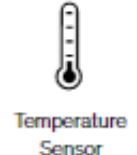


HARTING MICA® CISS Complete IIoT Starter Kit

Begin collecting data for your industrial condition monitoring application in 10 minutes



MICA® is a robust IoT edge computer hardware with software package designed and engineered with data centers, automation, transportation, industrial automation, healthcare and other harsh environments in mind. MICA® meets all standards and requirements no matter what your need with each component carefully selected to extend the lifecycle of the hardware in these hard conditions. Paired with the BOSCH “Connected Industrial Sensor Solution” (CISS) delivers eight different environmental sensors in one. MICA® is tested in accordance to IP67 standards providing a modular world class hardware chassis. In combination with the IP54 CISS, the kit is an industrially robust solution from sensor to gateway. Through a powerful blend of web-based non-proprietary open source architecture, MICA®’s hardware and software allows architects, integrators, and engineers, as well as end-users, to discover their system’s potential.



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### MICA® Technical Characteristics

System Performance	1 GHz ARM processor 1 GB RAM 4 GB eMMC Up to 32 GB Flash (via Micro SD Card)
Interfaces	Ethernet (TCP/IP) 10/100 Mbit/s; Full Spec. 802.3 2 USB A Push-Pull
Inputs/Outputs	Up to 8 configurable IOs (12/24V)
Power Supply	12/24 V DC (± 5%) /Power over Ethernet (PoE)
Diagnosis (LED)	2 LEDs for visualization of the device status
Protocol	Embedded middleware functionality 1.1 Standard > Web services > Http telegrams > TCP telegrams > UDP telegrams > MySQL database support > MQTT > and more
Operating System	Linux (Kernel 3.x.x)
Material of Housing	Corpus: Aluminum, powder coated
Dimensions (W x H x D)	132 x 86 x 35 mm
Operating Temperatures	-25 °C... +75°C
Storage Temperatures	-25 °C ... +85°C
Relative Humidity	5 % ... 95 % (non-condensing)
Vibration	EN 60 068-2-6 10 Hz to 150 Hz
Shock	EN 60 068-2-27 Acceleration: 30 g
EMC	EN 301 489'
Low Voltage	EN 60 950
Human Exposure	EN 50 364
Railway	Tested according to EN 50155

### Key Benefits:

- > All hardware and software included allowing <10 minute application
- > Tested and built to be in compliance with industry transportation standards
- > Durable, adaptable and upgradable hardware
- > IP-rated industrial connectors
- > Quick network deployment using power over ethernet (PoE) or 12/24 V DC
- > Capability to integrate with IP and non-IP devices
- > Customizable to fit customers key needs



Arrow Electronics Inc.  
9201 East Dry Creek road  
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USA

### Ordering Information

Contact Arrow for part numbers and a quote

### Email

iot@arrow.com

### Online

www.arrow.com/IoT