

iID® INDUSTRY 0906 BLE

Smart industrial BLE gateway

The integrated iID®INDUSTRY BLE with integrated Bluetooth™ smart interface extends the proven product range of industrial wireless read/write units for RFID transponders and TELID® sensor components.

iID®INDUSTRY BLE comes with rugged design and compact form factor and acts as a gateway or project specific component receiving and forwarding TELID®700 Sensor Beacon data to a local infrastructure via different host interfaces. A local website allows service configuration, different integrated protocols provide integration options into iID® system environment and make this reader very flexible for customer solutions.



TEL +49-361-59874 0
E-MAIL info@microsensys.de
WEB www.microsensys.de

This data sheet is subject to change. Please contact microsensys for latest technical information. Picture may differ from original product.
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Basics:

Bluetooth™ Smart (BLE) gateway
with UDP, TCP/IP protocol stack or iID® interface protocol V4 communication
for project specific implementation

Control Outputs: 3 LED power (orange), BLE state (blue), Network state (red/green)

Wireless Sensor System:

Antenna: BLE TELID®7 2.4GHz ISM band (2.402 – 2.480 GHz)
TX Transmit power: Integrated ceramic antenna +0dBm
RX sensitivity: -90dBm
Standards: Eddystone beacon protocol
TELID®700 sensor protocol

HOST Interface:

P-CAN or Ethernet / WiFi
Communication interface: P-CAN or Ethernet RJ45 (10/100Mbit/s) / WiFi* 802.11 b/g/n
Power Supply: +7.5V ... 24V
Connector: Power: M12 Connector X coded, Network M12 Connector X coded
Software Interface: iID®4000 interface protocol (UDP, TCP/IP, MQTT, PCAN*)

Operation Modes:

Power/Measure Modes: IDLE, ACTIVE (Logging, Data Transfer)
Power Consumption: typ. 300mA @7.5V (active)
Special Control Features: web page for setup and data download

Mechanicals:

robust plastic housing, compact design

Device Size: 96 mm x 66 mm x 30 mm
Casing Material: POM (black), PC (transparent)
Weight: approx. 150g
Mounting: mountable with 2 screws, mounting on metal surfaces possible

Environmental Conditions:

Protection Class: IP67
Operating Temperature: -25°C ... +70°C
Storage Temperature: -25°C ... +85°C
Drop Test: DIN EN 60068-2-31, examine at 1.2m

Type:	57.23.060.00	57.27.060.00*
HOST Interface:	Ethernet/WiFi	P-CAN
iID® Operating System:	iID®5000, customize*	iID®5000, customize*
Certification:	-	-

*) on inquiry, only for projects