

# PRODUCT DATASHEET

iID® Read Write Interfaces

## 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 HF and UHF based 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.



microsensys GmbH  
In der Hochstedter Ecke 2  
D 99098 Erfurt

**microSensys**  
RFID in motion

TEL +49-361-59874 0  
E-MAIL info@microsensys.de  
FAX +49-361-59874 17  
WEB www.microsensys.de  
This data sheet is subject to change.  
contact microsensys for latest information

IND 0906 BLE-01

#### Basics:

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

#### Radio:

Antenna:  
TX Transmit power:  
RX sensitivity:

2.4GHz, IEEE 802.15.1  
Integrated ceramic antenna  
+0dBm  
-90dBm

#### Wireless System:

Operating frequency:  
Standards:

2.4GHz, IEEE 802.15.1  
Eddystone beacon protocol  
TELID®700 sensor protocol

#### HOST Interface:

Communication interface:  
Power Supply:  
Connector:

P-CAN or Ethernet RJ45 (10/100Mbit/s) / WiFi\* 802.11 b/g/n  
+7.5V(300mA) ... 24V(200mA) (unstabilized)  
Binder series 712

Power Consumption:  
Software Interface:  
Supported Commands:

typ. 300mA (active)  
iID® 4000 interface protocol (UDP, TCP/IP, PCAN)  
please ask microsensys for implementation support

#### Housing:

Device Size:  
Weight:  
Casing Material:  
Mounting:

robust plastic housing, compact design  
approx. 96 x 66 x 30mm<sup>3</sup>  
approx. 150g  
POM (black), PC (transparent)  
mountable with 2 screws, mounting on metal surfaces possible

#### Environmental Conditions:

Operating Temperature:  
Storage Temperature:  
Protection Class:

-5°C ... +70°C  
-25°C ... +85°C  
IP 67

#### Certifications:

- (pending)

#### Ordering information:

Type iID®:	57.23.060.00*	57.27.060.00*
HOST Interface:	Ethernet/WiFi*	P-CAN
Power Supply:	7.5V...24V	7.5V...24V
iID® Operating System:	standard	standard

\*) in development or delivery only or for special projects