

iID[®] Sens4Bee for science



**Innovative BLE sensor solution
for hive condition monitoring**

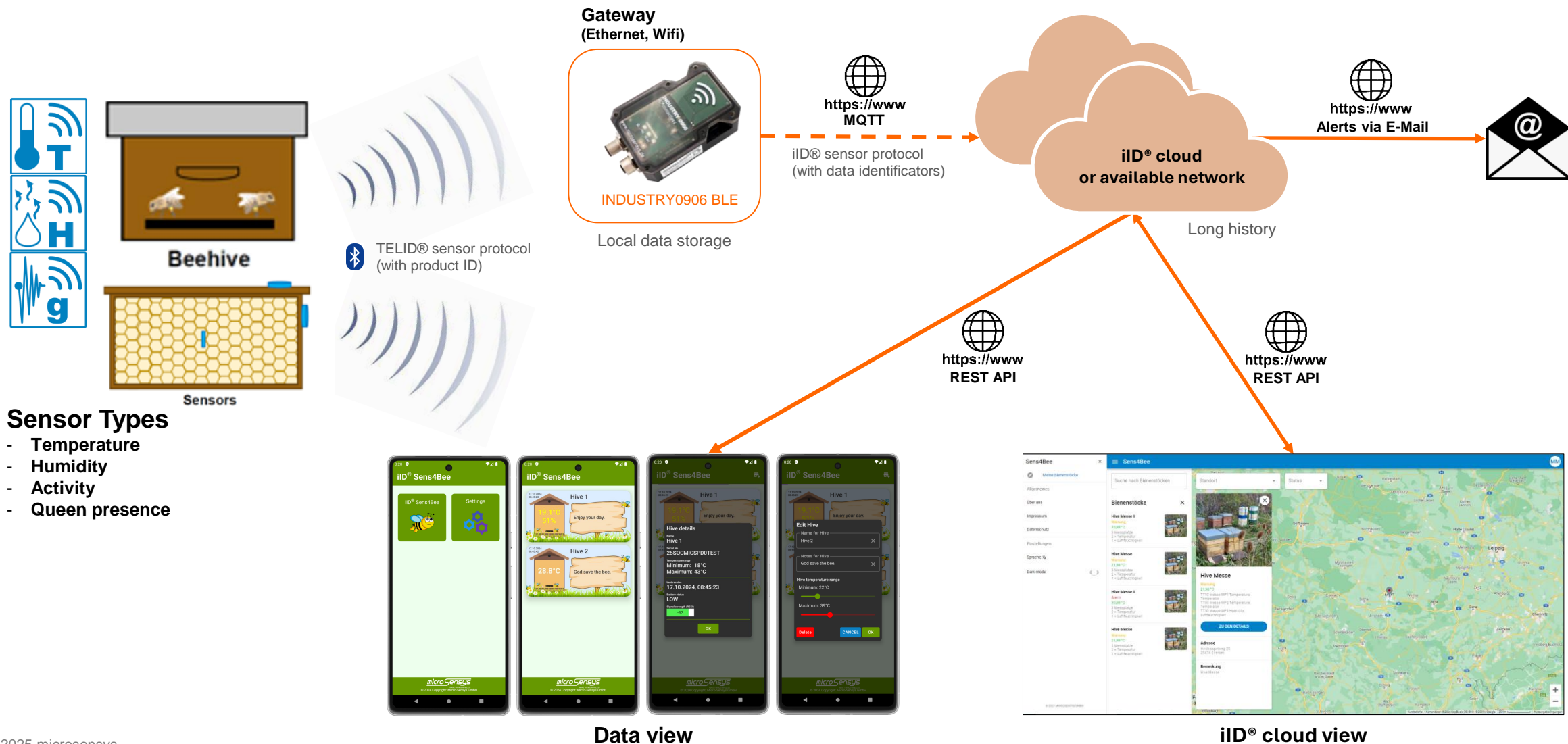
iID[®] Sens4Bee for science

Your advantages

- ❖ Disruption-free remote beehive monitoring
- ❖ Bee activity tracking inside hive via vibrations or sound
- ❖ Easy to install during regular inspection's
- ❖ Simple data transmission



System overview



Sensors – How to install



Temperature &
Humidity



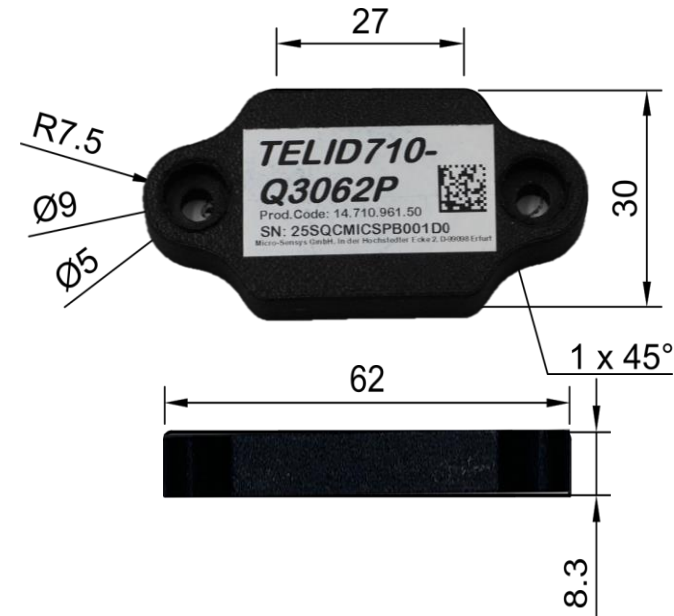
Vibration &
Sound



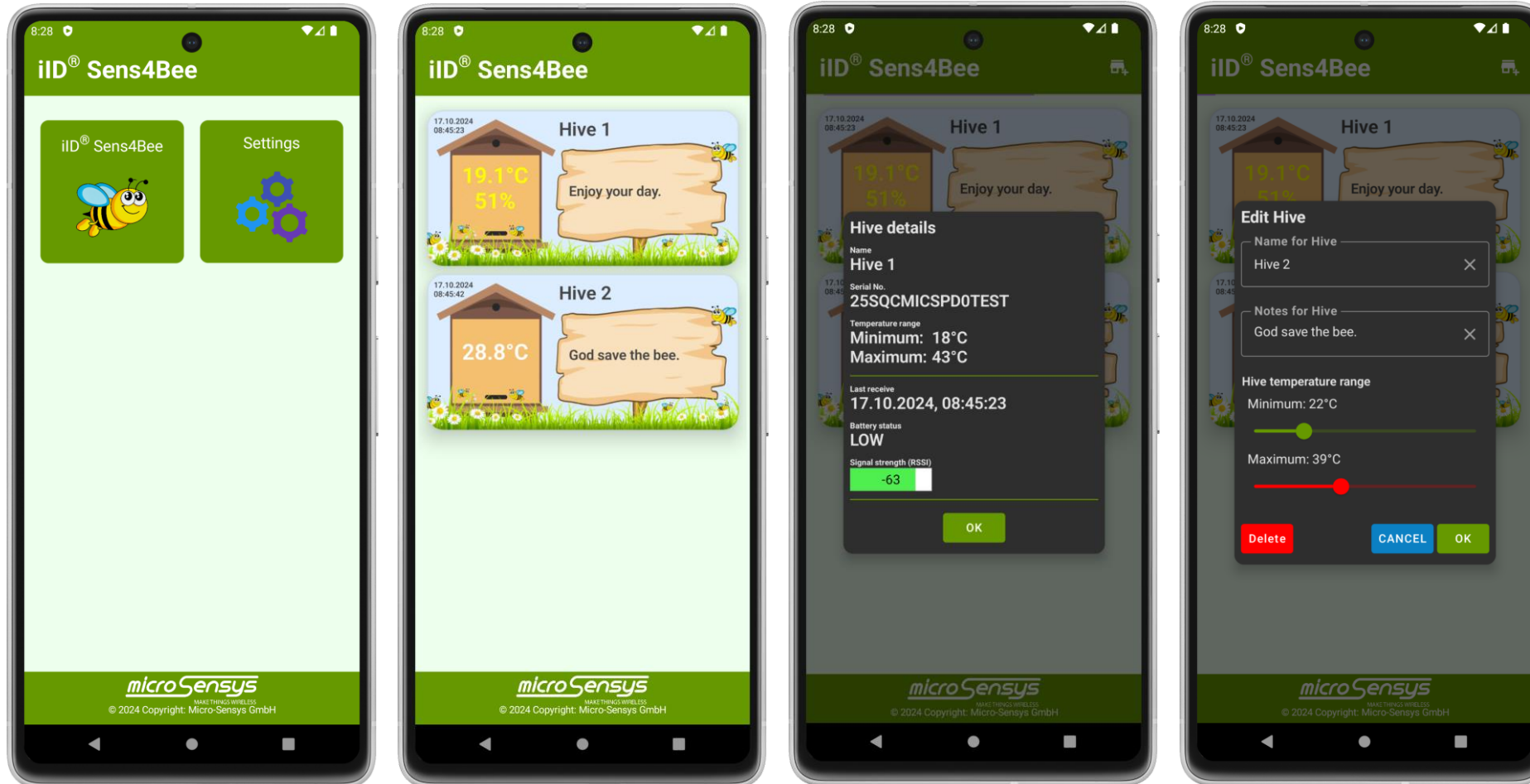
Frame

Sensor

Screw



Andriod App – Local sensor view



iID® cloud - Overview of your locations

☰

iID® Sens4Bee

Suche nach Bienenstöcken

Zustand

Bienenstöcke

Demo Hive 001


Zustand: **Alarm**

22,4 °C

16 Messplätze

4 x Luftfeuchtigkeit

12 x Temperatur



Demo Hive 002


Zustand: **Alarm**

22,5 °C


16 Messplätze

12 x Temperatur

4 x Luftfeuchtigkeit



Standort



Demo Hive 001

Zustand: **Alarm**

22,4 °C

B1-E1-F1: Luftfeuchtigkeit

B1-E1-T1: Temperatur

B1-E1-T2: Temperatur

B1-E2-F1: Luftfeuchtigkeit

B1-E2-T1: Temperatur

B1-E3-T1: Temperatur

B1-E4-F1: Luftfeuchtigkeit

B1-E4-T1: Temperatur

H1-T710-TEMP-1: Temperatur

H1-T710-TEMP-3: Temperatur

H1-T710-TEMP-4: Temperatur

H1-T714-TEMP-2: Temperatur

H1-T714-TEMP-3: Temperatur

H1-T714-TEMP-4: Temperatur

H1-T730-HUM-3: Luftfeuchtigkeit

H1-T730-TEMP-3: Temperatur

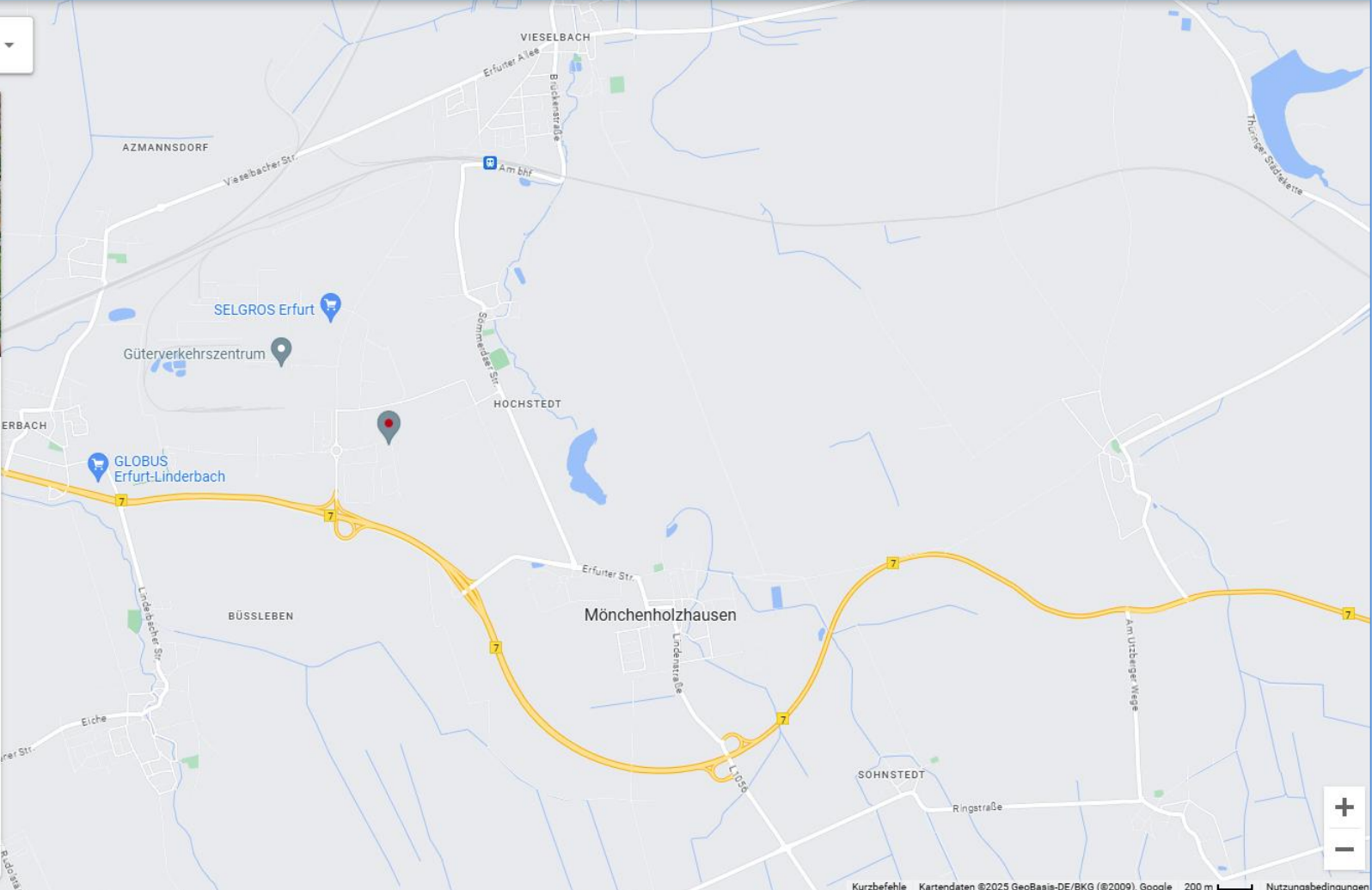
ZU DEN MESSUNGEN

Adresse

In der Hochstedter Ecke 2

99098 Erfurt

Bemerkung



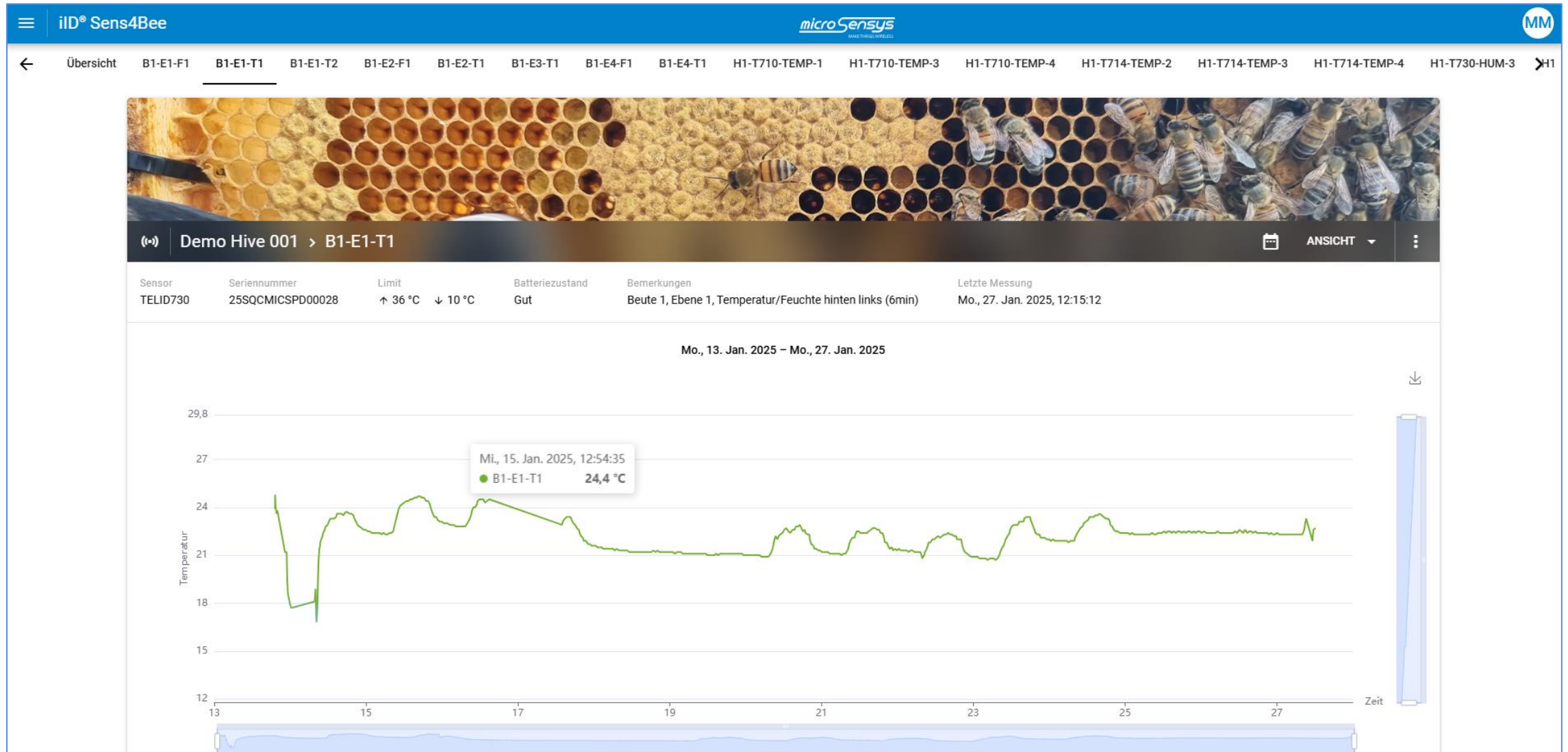
Kurzbefehle

Kartendaten ©2025 GeoBasis-DE/BKG (©2009), Google

200 m

Nutzungsbedingungen


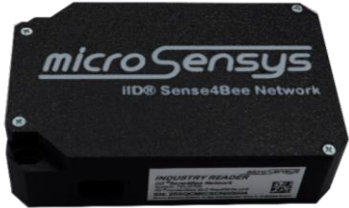

iID[®]cloud - Overview of each sensor



Order information Sensors - iID[®] Sens4Bee for science

Product Code	Product	Product Name	Remarks
14.710.961.50		TELID710.hive Temperature beacon, 2.4GHz sensor: temperature, working range: -25°C...60°C, housing: Q3062P dimension: 30x62x8.5mm	measure interval: 15 minutes Gateway: INDUSTRY READER BLE 0906-E or iID@gateway Ezurio MG-100
14.714.961.50		TELID710.honeycomb Temperature beacon, 2.4GHz sensor: temperature, working range: -25°C...60°C, external sensor, 30cm sensor cable housing: Q3062P dimension: 30x62x8.5mm	measure interval: 15 minutes Gateway: INDUSTRY READER BLE 0906-E or iID@gateway Ezurio MG-100
14.730.961.50		TELID730.hive-Q3062P Humidity beacon, 2.4GHz, BLE sensors: humidity, temperature working range: 0..100%RH, -25°C...60°C housing: Q3062P dimension: 30x62x8.5mm	measure interval: 15 minutes Gateway: INDUSTRY READER BLE 0906-E
14.782.961.00		TELID780.stream acceleration sensor beacon, 2.4GHz sensors: 3 axis acceleration, temperature working range: 0...8g, -25°C...60°C housing: Q3088P dimension: D30x88x8.5mm	Connection: 5 seconds each minute Frequency spectrum: 0...400Hz Sample time: 5 seconds each 15 minutes Gateway: INDUSTRY READER BLE 0906-E customized
on request		TELID720 acoustic sensor beacon, 2.4GHz sensors: sound, temperature working range: 0...3kHz, -25°C...60°C housing: Q3088P dimension: D30x88x8.5mm	Connection: 5 seconds each minute Frequency spectrum: 0...3kHz Sample time: 5 seconds each 15 minutes Gateway: INDUSTRY READER BLE 0906-E customized

Order information Gateway - iID® Sens4Bee for science

Product Code	Product	Product Name	Remarks
57.23.060.00		INDUSTRY READER BLE 0906-E iID®contactless BLE read / write unit Frequency: 2.4 GHz Antenna: integrated Power supply: 7V - 24V DC (noise free) Host interface: Ethernet (RJ45), WiFi (2.4 GHz) Requires: power adapter, Ethernet cable (Binder series 712)	max. 25 pcs. sensors Compatible with TELID710.hive, TELID710.honeycomb, TELID730.hive Data storage: local and/or *network (iID® cloud/ custom network via UDP or MQTT)
on request		INDUSTRY READER BLE 0906-E customized iID®contactless BLE read / write unit Frequency: 2.4 GHz Antenna: integrated or external Power supply: 5V - 24V DC (noise free) Host interface: ethernet (RJ45), WiFi (2.4 GHz / 5 GHz) Requires: power adapter, ethernet cable (RJ45)	max. 8 pcs.sensors, if a recording of 5 seconds is made every 15 minutes Compatible with TELID780.stream, TELID720.stream Data storage: local and/or *network (SFTP server)
A5.560.000.01		iID®gateway Ezurio MG-100 supporting TELID®700 series sensor beacons Frequency: 2.4 GHz Power supply: 5V (noise free) Host interface: LTE-M Including: power adapter 220V AC, two external LTE/Bluetooth antennas, integrated rechargeable backup battery 2600mAh	max. 8 pcs. sensors Compatible with TELID710.hive, TELID710.honeycomb, TELID730.hive Data storage: iID® cloud via MQTT

Questions?

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