

Wireless ID &

microsensys product catalogue 2024

Sensor Technologies

Development
Production
Services

Wireless ID and Sensor Components

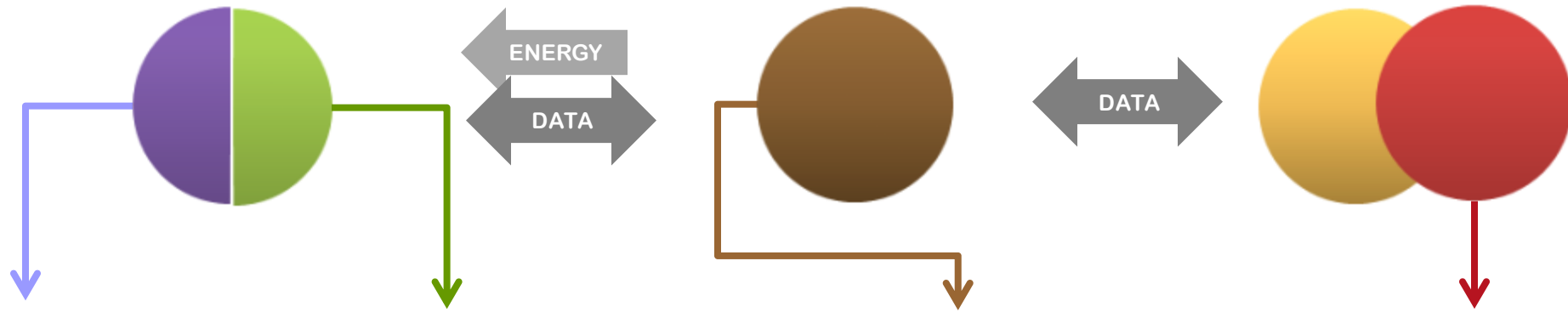
Transponder
Sensor Transponder

Read/Write Units

Host Computer
Software Tools

*AIR*Interface

*HOST*Interface



iID® Transponder



TELID® sensors



iID® contactless Readers



iID® Software and Tools



Miniaturized transponders



Various transponders



Dual frequency transponders



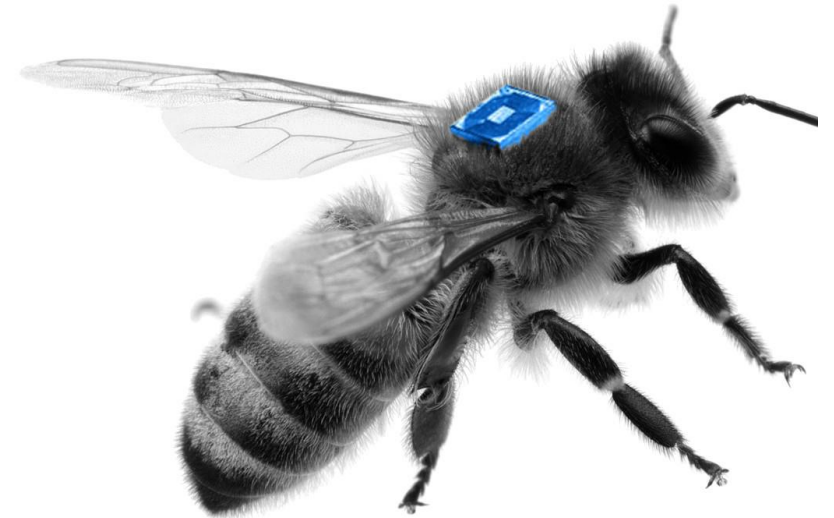
TAG modules and inlays

iID[®] Transponders

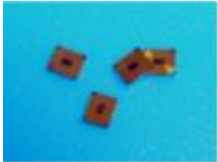




MINIATURIZED TRANSPONDERS

Powerful technology - on the tip of a needle.

Because of their very small size, mic3[®] RFID transponders fit even significantly limited space and can be used to uniquely identify or manage the data of otherwise unobservable items – all while withstanding extreme environmental conditions.



Overview iID[®] Miniaturized Transponders

| TAG Type | Picture | Product Code | Technicals | Remarks |
|--|---|---|--|---|
| mic3 16k HF |  | 10.53.004.00 | Size: 1.9x1.6x0.5mm Communication Distance: 0...5mm Storage Temperature: -25°C...+150°C ISO15693, iID [®] -G | User memory 16 kbit, not for new projects discontinued model |
| Q1.6 U-TAG UHF |  | 19.948.100.00 | Size: 1.6x1.6x0.5mm Communication Distance: 0...20mm Storage Temperature: -45°C...+125°C ISO18000-6c: NXP UCODE 7/8 | User memory on request |
| Qmini U-TAG 2.5 UHF |  | 19.948.102.10 | Size: 2.4x2.4x0.41mm Communication Distance: 0...25mm Storage Temperature: -45°C...+125°C (short time +150°C) ISO18000-6c: NXP UCODE 8 | Mini transponder mounting non metal and on metal, DNA on request |
| D4-TAG HF |  | 11.47.100.40 11.47.200.40 | Size: D3.8x1.2mm Communication Distance: 0...10mm Storage Temperature: -45°C...+125°C ISO1569: SLIX-S | User memory extreme long life 1.3 kbit, NFC compatible |
| MINI-TAG 4.5 special HF, UHF |  | 11.47.515.00 18.933.514.00 | Size: D4.5x2.0mm Communication Distance: 0...10mm Storage Temperature: -45°C...+125°C ISO15693: SLIX-S /ISO18000-6c: Monza 5 | Special case for embedding in metal |

Overview iID® Miniaturized Transponders

| TAG Type | Picture | Product Code | Technicals | Remarks |
|--|---|--|--|---|
| D5-TAGspecial HF |  | 11.47.550.00 | Size: D5x2.5mm Communication Distance: 0...10 mm Storage Temperature: -45°C...+150°C (short time +180°C) ISO15693: SLIX-S | on metal, plane side |
| D6-TAG HF |  | 11.35.100/200 | Size: D6x1.5/2.5mm Communication Distance: 0...20mm Storage Temperature: -45°C...+125°C ISO15693: iID®-P | for mounting on nonmetal objects |
| D6.7-TAGspecial HF, UHF |  | 11.44.550 11.72.550 11.82.550 18.933.252 | Size: D6.7x2.5mm Communication Distance: 0...15mm Storage Temperature: -45°C...+125°C ISO15693: SLIX-S, iID®-M2, iID®-X ISO18000-6c: Monza 5 | Round hard TAG for mounting on metal |
| D7-TAG HF |  | 15.47.100/200/210 15.72.100/200/210 15.82.100/200/210 | Size: D7.0x1.5/1.9/2.5mm Communication Distance: 0...20mm Storage Temperature: -45°C...+125°C ISO15693: SLIX-S, iID®-M2, iID®-X | different memory's up to 16 kbit, NFC compatible |
| MINI-TAG 8.5 special HF, UHF |  | 15.47.502 15.72.502 15.82.502 18.934.500 | Size: D8.5x2.0mm Communication Distance: 0...10mm Storage Temperature: -45°C...+160°C ISO15693: SLIX-S, iID®-G, iID®-M2, iID®-X ISO18000-6c: Monza 4QT | Special case for embedding in metal, different memory's up to 16 kbit |




VARIOUS TRANSPONDERS

Our transponders become yours.

We constantly develop new transponder designs and can shape our solutions to your wishes, considering all the specifics you need – be it harsh environments, unusual temperatures or the intended use in industrial applications.









Overview iID[®] Miniaturized Transponders

| TAG Type | Picture | Product code | Technicals | Remarks |
|-------------------------------------|---|---|--|---|
| Label D11special HF |  | 12.45.681 | Size: D13x1.5mm Communication Distance: 0...10mm Storage Temperature: -25°C...+65°C ISO15693: SLIX | For on metal application |
| D14-TAG HF, UHF |  | 12.47.100/200/550 12.72.100/200/550 12.82.100/200/550 12.934.200 | Size: D14x3mm Communication Distance: 0...30mm Storage Temperature: -45°C...+125°C ISO15693: iID [®] -M2, SLIX-S, iID [®] -X ISO18000-6c: IMPINJ Monza 4QT | Round hard TAG for mounting on metal and nonmetal, NFC compatible, FRAM on request |
| D14 V6special-TAG HF |  | 12.47.550.60 | Size: D14x3mm Communication Distance: 0...15mm Storage Temperature: -45°C...+100°C ISO15693: SLIX-S | Round hard TAG for integration in shields, NFC compatible |
| D22 V6special-TAG HF, UHF |  | 13.47.560.60 | Size: D22x5mm Communication Distance: 0...25mm Storage Temperature: -45°C...+65°C ISO15693: SLIX-S ISO18000-6c: Alien Higgs | Round hard TAG for integration in shields, NFC compatible or EPC Class1 Gen2 on request |
| D24special-TAG HF, UHF |  | 13.47.450 13.82.490 | Size: D6.7x2.5mm Communication Distance: 0...25mm Storage Temperature: -45°C...+125°C ISO15693: SLIX-S, iID [®] -X ISO18000-6c: Alien Higgs | Round hard TAG for mounting on metal, NFC compatible or EPC Class1 Gen2 on request |




Overview iID[®] Miniaturized Transponders

| TAG Type | Picture | Product Code | Technicals | Remarks |
|----------------------------------|---|---|---|--|
| Label 1836 HF, UHF |  | 13.42.686 17.935.616 | Size: 20x38x2mm Communication Distance: 0...30mm Storage Temperature: -25°C...+80°C ISO15693: SLIX | Flexible label for mounting on metal |
| Q43S-TAG HF |  | 13.470.422 13.496.422 13.140.422 | Size: 43x27x5mm Communication Distance: 0...40mm Storage Temperature: -25°C...+65°C ISO15693: SLIX-S ISO14443: NTAG216, LEGIC [®] Advant | Printing or lasering possible, NFC compatible, high security, for mounting on metal |
| UHF Plate2570 UHF |  | 16.932.453.01 | Size: 25x70x4mm, stainless steel plate 1mm Communication Distance: 0...1 m Storage Temperature: -45°C...+125°C ISO18000-6c: IMPINJ M4 | Large range, using under very harsh environmental conditions |
| U-TAG STRIPE0525sp UHF |  | 16.948.521 16.941.521 | Size: 65x5x3mm Communication Distance: 0...1.5 m Storage Temperature: -25°C...+85°C ISO18000-6c: UCODE 8, UCODE G2XM | Large range, for mounting on metal, User memory |
| Q72 U-TAG UHF |  | 16.911.151 | Size: 72x18x4.5mm Communication Distance: 0...4 m Storage Temperature: -25°C...+85°C ISO18000-6c: UCODE G2XM | Large range, for mounting on metal, User memory |

Overview iID[®] Miniaturized Transponders

| TAG Type | Picture | Product Code | Technicals | Remarks |
|------------------------------|---|--|--|--|
| QUIN-TAGspecial HF |  | 13.47.551 13.72.551 13.82.551 | Size: 33x30x3mm Communication Distance: 0...20mm Storage Temperature: -45°C...+125°C ISO15693: iID [®] -M2, SLIX-S, iID [®] -X | stainless steel loop, NFC compatible, FRAM on request, Different colors possible |
| KEY-TAG HF |  | 12.47.700 | Size: 58x32x5mm Communication Distance: 0...10mm Storage Temperature: -10°C...+65°C ISO15693: SLIX-S | Different colors possible |
| TIE-TAG HF |   | 13.45.776/12.54.700 13.47.776/12.47.760 13.82.776/12.82.790 ... | Size: 19x19x7mm / 27x27x7mm / 7x7x7mm Communication Distance: 0...40mm Storage Temperature: -45°C...+125°C ISO15693: iID [®] -G, iID [®] -M2, SLIX, SLIX-S, iID [®] -X | With different cable tie, NFC compatible, FRAM on request, In different sizes available, reusable |
| U-TAG TIE-i UHF |  | 18.933.777 | Size: 195x8.5(4.6)mm Communication Distance: 0...20mm Storage Temperature: -20°C...+85°C ISO 18000-6c: Monza 5 | Integrated transponder in cable tie, not reusable |
| SCREW-TAG HF |  | 15.72.811/812 15.54.811/812 | Size: SW14, SW17 Communication Distance: 0...5mm Storage Temperature: -25°C...+100°C ISO15693: iID [®] -G, iID [®] -M2 | TAG embedded in metal screw |

Overview iID[®] Miniaturized Transponders

| TAG Type | Picture | Product Code | Technicals | Remarks |
|----------------------------|---|--|---|--|
| U-LABEL 2696 UHF |  | 17.933.613 17.935.613 | Size: 25.4x95.3mm Communication Distance: 0...600mm Storage Temperature: -40°C...+85°C ISO18000-6c: IMPINJ Monza R6-P, 4QT | Adhesive label for cable and rope management, customized printing possible |
| U-LABEL 1773 UHF |  | U-LABEL1773 | Size: 17x73mm Communication Distance: 0...600mm Storage Temperature: -40°C...+85°C ISO18000-6c: UCODE8 | Adhesive label for logistic processes, customized printing possible |
| QUIN-UTAG UHF |  | 13.947.551 | Size: 20x38x2mm Communication Distance: 0...300mm Storage Temperature: -10°C...+65°C ISO18000-6c: NXP UCODE7 | Printed label different colors possible or additional laser marking |




DUAL FREQUENCY TRANSPONDERS

The two-in-one solution.

microsensys provides you with the newest chip technology supporting UHF *and* HF communication standards in *one* RFID transponder. Specifically designed for facility management, mobile maintenance and asset management, we offer personal customization including an optional printing service for your company's logo, bar- or QR-codes, or data matrix codes on all transponder types.



Overview iID[®] DUAL BAND Transponders

| TAG Type | Picture | Product Code | Technicals | Remarks |
|--|---|----------------------|--|---|
| Label 1836-DUALTAGspecial HF&UHF |  | 16.380.686.00 | <p>Size: 20x38x4.5mm</p> <p>Communication Distance HF: 0...30mm, UHF: 0...150/500mm (non-metal/metal)</p> <p>Storage Temperature:-40°C...+85°C</p> <p>ISO 15693, ISO 18000-6c, Em echo-V</p> | Dual frequency, shared memory, max. 248 Byte, Printing possible |
| Q43S-DUALTAGspecial HF&UHF |  | 16.954.452.00 | <p>Size: 43x27x5mm</p> <p>Communication Distance: 0...20mm</p> <p>Storage Temperature:-40°C...+85°C</p> <p>ISO 15693, ISO 18000-6c, Em echo-V</p> | Printing or lasering possible, for mounting on metal |
| Q40100-DUALTAGspecial HF&UHF |  | 16.380.459.00 | <p>Size: 40x100x7mm</p> <p>Communication Distance HF: 0...80mm UHF: 0...6,5m</p> <p>Storage Temperature:-40°C...+85°C</p> <p>ISO 15693, ISO 18000-6c, Em echo-V</p> | customer logo, running number and TAG initializing |

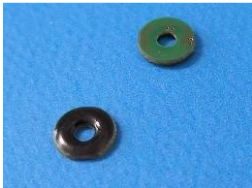

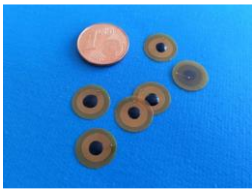
TAG MODULES AND INLAYS

Modular and versatile.

microsensys offers a wide range of miniaturized and high-performance RFID OEM modules. Our TAG modules and inlays can be integrated into your own devices – everything you need is already here!



Overview iID[®] TAG modules for OEM

| TAG Type | Picture | Product Code | Technicals | Remarks |
|---|--|----------------------|--|---------|
| R5.3 TAG-module 1.3k HF |  | 11.470.032.01 | Size: D5.3 x 1.0 mm Communication Distance HF: 0...30mm, Storage Temperature: -40°C...+85°C ISO 15693: SLIX-S Delivery: electronic tag module in foil bag, for OEM integration | |
| R18 TAG-module 1.3k HF |  | 13.47.032.04 | Size: D18 x 1.0 mm Communication Distance HF: 0...30mm, Storage Temperature: -40°C...+85°C ISO 15693: SLIX-S Delivery: electronic tag module in foil bag, for OEM integration | |
| R30 TAG-module oder D9.7 TAGmodule INLAY D11 HF |  | 12.47.620.01 | Size: D10.8 x 0.5 mm Communication Distance HF: 0...30mm, Storage Temperature: -40°C...+85°C ISO 15693: SLIX-S Delivery: electronic tag module in foil bag, for OEM integration | |



Passive sensors: TELID® 200/400



Sensor data loggers: TELID® 300/500



Sensor beacons: TELID® 700

TELID® sensors

TELID® PASSIVE SENSOR TRANSPONDERS





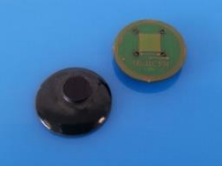





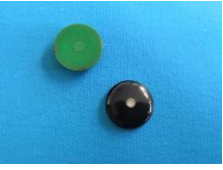



Made to measure.

Our HF, UHF and NFC capable sensor transponders are 'made to measure' for your application – they combine the versatility of our TAGs and labels with the precision of our sensors for various measurands.

These passive wireless sensors operate without any battery and are powered solely by the reader's antenna – making them particularly durable and long-lasting.





Overview TELID[®]200 HF standard

| TELID [®] Type | Picture | Product code | Technicals | Remarks |
|---|---|--|--|--|
| TELID[®]211 Temperature Sensor TAG  |  | 12.211.109.02 12.211.112.00 | Working temperature: -25°C...+85°C Accuracy: +/- 0.5 K ... +/- 1.0 K ISO14443-B / iID [®] -L, ISO15693, iID [®] -M | |
| TELID[®]231 Humidity Sensor TAG   |  | 12.231.210.00 12.231.212.00 | Relative humidity: 0 ... 100% RH Working temperature: -25°C...+85°C ISO14443-B / iID [®] -L, ISO15693, iID [®] -M | |
| TELID[®]235 Humidity Sensor TAG   |  | 14.235.282.00 | Relative humidity: 0 ... 100% RH Working temperature: -25°C...+85°C ISO15693, iID [®] -M | Miniaturized form factor – for laboratory use |
| TELID[®]241 Pressure Sensor TAG   |  | 12.241.100.00 12.241.102.00 12.241.112.00 | Pressure range: 10 ... 1200 mbar ISO14443-B, iID [®] -L Gel protected, pressure range: 0..2bar, 0..30bar ISO15693, iID [®] -M | |
| TELID[®]243 Pressure Sensor TAG   |  | 12.243.439.01 12.243.439.03 12.243.439.04 | Pressure range: 0 Bar .. 3Bar / 10bar / 100bar ISO14443-B, iID [®] -L | 1/4" fitting, D17M |









Technical data is subject to change. Please see related data sheet.

Overview TELID[®]200 HF project






| TELID [®] Type | Picture | Product code | Technicals | Remarks |
|---|---|----------------------|--|---------------------------------------|
| TELID[®]271 1D Magnetic Field Sensor TAG  |  | 12.271.109.30 | Design D14, 14mm diameter Field range: -1 ... +1mT ISO14443-B, iID [®] -L | Only on request |
| TELID[®]251 ADC Sensor TAG  |  | 12.251.109.xx | Asym/diff: 0 ... +/- 2V Resistance (2point/4point): 100Ohm ... 1MOhm Resistance (full bridge): 1k ... 100kOhm ISO14443-B, iID [®] -L | Customized, only on request |
| TELID[®]203.io2 Digital input TAG  |  | 13.203.109.20 | 2 pin digital input ISO14443-B, iID [®] -L | Not for new projects |
| TELID[®]281.3Da 3D acceleration Sensor TAG  |  | 12.281. 261 | Measurement range: -/+2 , -/+8 g, -/+16 g Sampling rate: up to 6400Hz 14kbit E ² PROM, 512 samples RAM ISO15693 | Special evaluation software available |
| TELID[®]282.i Inclination Sensor TAG  |  | 13.282.159.30 | Design Q43S, dimension: 42x27x4mm Measurement range: -/+1.0 g, -/+45 grd Resolution: 0.5 grd ISO14443-B, iID [®] -L | Special evaluation software available |

Technical data is subject to change. Please see related data sheet.

Overview TELID®200.m/NFC HF standard











| TELID® Type | Picture | Product code | Technicals | Remarks |
|---|---|---|--|--|
| TELID®210.m-D14/D24/Q43 Temperature Sensor TAG  |  | 12.210.114.100 12.210.454.101 12.210.554.100 | Design D14 or D24S or Q43S dimension: D14x2mm or D24x2.5mm or 42x27x4mm Temperature range: -30°C...+125°C ISO15693, NFC compatible | |
| TELID®290.m-D24/Q43 Multi Sensor TAG  |  | 12.290.554.100 12.290.454.100 | Design Q43S, dimension: 42x27x4mm Relative humidity: 0 ... 100% RH Temperature range: -30°C...+125°C Pressure range: 300hPa ... 1100hPa ISO15693, NFC compatible Design D24, dimension: D24x2.5mm | |
| TELID®211.m-D14 Temperature Sensor TAG  |  | 12.211.114.100 | Design D14, dimension: D14x2mm Temperature range: -30°C...+125°C ISO15693, NFC compatible | High measurement accuracy |
| TELID®214.m-SW24  |  | 12.214.554.100 | Design SW24, dimension: D24S/SW24, M18x1.5 back side Temperature range: -55°C...+150°C ISO15693, NFC compatible | can be integrated in metal, ext. sensor needle |

Overview TELID[®]200.m/NFC HF standard

| TELID [®] Type | Picture | Product code | Technicals | Remarks |
|--|---|----------------------|--|---|
| TELID[®]257 Moisture Sensor TAG  |  | 12.257.114.00 | Dimension: 25x30x3mm, pin 120x15x1.5mm capacitive measurement of VWC Resolution: 1% ISO14443A, NFC compatible | app "TELID [®] 257.nfc FLOWERpot" available in Google [™] Play store click here... |
| TELID[®]243.m   |  | - | Pressure range: 0 Bar .. 3Bar / 10bar / 100bar ISO14443A, NFC compatible | 1/4" fitting, D17M, on request for projects |









Technical data is subject to change. Please see related data sheet.

Overview TELID®400

| TELID® Type | Picture | Product code | Technicals | Remarks |
|--|---|----------------------|--|--|
| TELID®412.Q72 Passive RFID Temperature Sensor TAG  |  | 16.412.303.00 | Design Q72, dimension: 70x18x4mm Temperature range: -30°C...+65°C | For medium temperature application, moving objects, short measurement time |
| TELID®412.03 Passive RFID Temperature Sensor TAG  |  | 16.412.303.03 | Design Q72, dimension: 70x18x4mm Temperature range: -40°C...+150°C | For high temperature application, measurement time up to 500 msec |
| TELID®454.moisture-pin95 Passive RFID moisture sensor TAG  |  | 15.454.303.00 | Design D45 Pin95, dimension: D45x95x1.5mm capacitive measurement of VWC Resolution: 1% | For measurement of material moisture |
| TELID®472.R1 Passive RFID Proximity Sensor TAG  |  | 16.472.124.11 | Design Q72, dimension: 70x18x4mm Field range: 1.8 ... 4.5 mT | Customized, only upon request |
| TELID®402.2o Passive RFID RG-LED TAG  |  | - | Design Q22100, dimension: 100x22x3mm Actuator transponder, two LEDs for optical visualization | For digital workplace and intelligent material management depending on chip availability |

Technical data is subject to change. Please see related data sheet.

Overview TELID®400

| TELID® Type | Picture | Product code | Technicals | Remarks |
|--|--|--------------|---|---|
| TELID®412.Q10100 Temperature Sensor TAG  |  | - | Design Q10100, dimension: 10x100x3mm Temperature range: -30°C...+65°C | On inquiry depending on chip availability |
| TELID®422.L.UV.Q10100 Light Sensor TAG  |  | - | Design Q10100, dimension: 10x100x3mm Ambient light: 0 ... 100klux UV index: 0..15 | On inquiry depending on chip availability |
| TELID®432.Q10100 Humidity Sensor TAG  |  | - | Design Q10100, dimension: 10x100x3mm humidity: 0 ... 100% RH, Working temperature: -25°C...+85°C | On inquiry depending on chip availability |
| TELID®442.Q10100 Pressure Sensor TAG  |  | - | Design Q10100, dimension: 10x100x3mm Pressure: 300hPa... 1100hPa Working temperature: -25°C...+85°C | On inquiry depending on chip availability |

Technical data is subject to change. Please see related data sheet.










TELID[®] SENSOR DATA LOGGERS

Unconditionally dependable – continuously precise.

With a dependable battery, non-volatile memory and a password-protected real-time clock, data is ensured to be recorded reliably. Depending on product version and intended use, TELID[®] sensor data loggers have a service life of up to 5 years. Adding to the versatility of their contactless RFID interface, the loggers are built to be highly reliable and robust and programmed for high data security.








Ordering information TELID[®]311, 314, 343

| TELID [®] Type | Picture | Product code | Technicals | Remarks |
|--|--|--|---|--|
| 311  |  | 14.311.484.06 | <p>dimensions: D27mm, thickness 12mm</p> <p>environmental condition: working temp. -30...+100°C</p> <p>samples: up to 8000</p> <p>sample time: 10s ... 256min</p> | Industrial process monitoring and validation |
| 311.ac  |  | 14.311.489.00 | <p>dimensions: D27mm, thickness 12mm</p> <p>environmental condition: working temp. up to +140°C</p> <p>absolute pressure up to 5bar</p> <p>samples: up to 8000</p> <p>sample time: 1s ... 59min</p> | Industrial process monitoring and validation |
| 314.ac  |   | 14.311.499.01 14.311.499.05 14.311.499.07 | <p>dimensions: D27mm, thickness 12mm</p> <p>external sensor: pin length 15, 50 and 100mm</p> <p>environmental condition: working temp. up to +140°C</p> <p>absolute pressure up to 5bar</p> <p>samples: up to 8000</p> <p>sample time: 1s ... 59min</p> | Special sensor needles, industrial process monitoring and validation |
| 343.HTK  |  | 14.343.439.103 | <p>dimensions: G1/4" fitting, SW22, max length 48mm</p> <p>pressure range: 0 Bar .. 3Bar / 100Bar</p> <p>environmental condition: working temp. up to +100°C</p> <p>samples: up to 8000</p> <p>sample time: 1min ... 59min</p> | 1/4" fitting, D30M, industrial process monitoring and validation |

Technical data is subject to change. Please see related data sheet.

Ordering information TELID[®]3x2






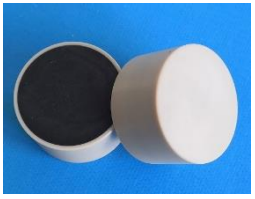
| TELID [®] Type | Picture | Product code | Technicals | Remarks |
|--|---|----------------------|--|---|
| 312  |  | 14.312.100.00 | <p>dimensions: 54 x 40mm², thickness 4.5mm environmental condition: working temp. up to +80°C sample time: 10s ... 256min samples: 8000</p> | Logistic process monitoring, Wireless update |
| 382.3D LT  |  | 14.382.709.00 | <p>dimensions: 54 x 40mm², thickness 4.5mm environmental condition: working temp. up to +80°C Shock Range: -8g...+8g Memory: 256 kbit</p> | Event data logger, Logistic process monitoring, Wireless update |
| 382.3D TT  |  | 14.382.719.00 | <p>dimensions: 54 x 40mm², thickness 4.5mm environmental condition: working temp. up to +80°C Shock Range: -8g...+8g Memory: 256 kbit</p> | continuous data logging, Logistic process monitoring, Wireless update |
| 332  |  | 14.332.709.00 | <p>dimensions: 54 x 40mm², thickness 4.5mm environmental condition: working temp. up to +60°C sample time: 10s ... 18h samples: approx. 6000</p> | Logistic process monitoring, Wireless update |
| 354.02  |  | 14.354.709.00 | <p>environmental condition: working temp. up to +60°C sample time: 10s ... 18h samples: approx. 6000</p> | Material (soil) moisture data logger |

Ordering information TELID[®]3x2.nfc

| TELID [®] Type | Picture | Product code | Technicals | Remarks |
|--|---|--|--|--|
| 312.nfc  |  | 14.312.714.00 | dimensions: 54 x 40mm ² , thickness 4.5mm environmental condition: working temp. up to +60°C sample time: 10s ... 18h samples: approx. 8000 | NFC interface, Logistic process monitoring |
| 332.nfc  |  | 14.332.714.00 | dimensions: 54 x 40mm ² , thickness 4.5mm environmental condition: working temp. up to +60°C sample time: 10s ... 18h samples: approx. 6000 | NFC interface, Logistic process monitoring |
| 392.nfc  |  | 14.392.714.10 | dimensions: 54 x 40mm ² , thickness 4.5mm environmental condition: working temp. up to +60°C sample time: 10s ... 18h samples: approx. 4000 | Multi sensor logger, NFC interface, Logistic process monitoring |
| 392.nfc  |  | 14.392.714.01* | dimensions: 54 x 40mm ² , thickness 4.5mm environmental condition: working temp. up to +60°C sample time: 10s ... 18h samples: approx. 4000 | NFC interface, multi sensor logger *In development |
| 315.mini+  |  | 14.315.204.00 14.315.504.00 | dimensions: 10 x 7 x 4.5 mm environmental condition: working temp. up to +60°C sample time: 10s ... 18h samples: approx. 8000 dimensions: D 10 mm, TH 3 mm | chargeable by RFID |

Technical data is subject to change. Please see related data sheet.

Ordering information TELID®700 ID beacons

| TELID® Type | Picture | Product Code | Technicals | Application Field / Remarks |
|--|--|-----------------------|---|--|
| TELID®700-T48P  |  | 14.700.811.000 | Temperature range: -25°C...+60°C D48 x 11 mm IP68 poly carbonate BLE | on metal and nonmetal surfaces, self-adhesive glue pad, replaceable battery unique identification of objects |
| TELID®700-T64P  |  | 14.700.821.000 | Temperature range: -25°C...+60°C D64 x 11 mm IP68 poly carbonate BLE | on metal and nonmetal surfaces, screwing holes, replaceable battery unique identification of objects |
| TELID®700-D30P  |  | 14.700.831.000 | Temperature range: -25°C...+120°C (working temp. -25°C... +85°C) D30 x 12 mm IP68 peek BLE | on metal and nonmetal surfaces, integrated lithium battery unique identification of objects in harsh environments |







TELID® SMART SENSOR BEACONS

The beacons are lit – call on us for aid.




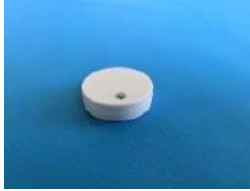
microsensys expands the range of TELID® product portfolios with new Bluetooth low energy technology. The combination of RFID and BLE technology allows a wide range of wireless sensor applications for telemetric measurement of temperature, pressure, humidity, vibration, distance and fill level. microsensys supplies the function sensors for both simple smartphone and complex customer-specific IoT solutions.



Ordering information TELID®710

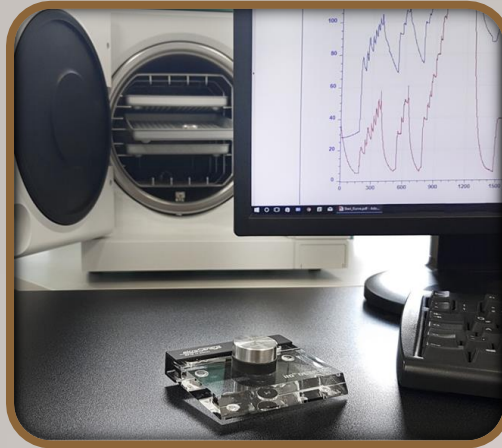
| TELID® Type | Picture | Product Code | Technicals | Application Field / Remarks |
|--|--|-----------------------|---|---|
| TELID®710-T48P  |  | 14.710.811.000 | Temperature range: -25°C...+60°C Resolution: 0.0625°C D48 x 11 mm IP68 poly carbonate BLE | on metal and nonmetal surfaces, self-adhesive glue pad, replaceable battery industrial condition monitoring |
| TELID®710-T64P  |  | 14.710.821.000 | Temperature range: -25°C...+60°C Resolution: 0.0625°C D64 x 11 mm IP68 poly carbonate BLE | on metal and nonmetal surfaces, screwing holes, replaceable battery industrial condition monitoring |
| TELID®710-D30P  |  | 14.710.831.000 | Temperature range: -25°C...+120°C (working temp. -25°C... +85°C) Resolution: 0.0625°C D30 x 12 mm IP68 peek BLE | on metal and nonmetal surfaces, integrated lithium battery industrial condition monitoring |

Ordering information TELID[®]740

| TELID [®] Type | Picture | Product Code | Technicals | Application Field / Remarks |
|---|---|--|--|---|
| TELID [®] 740-D30MP  |  | 14.742.450.00 14.743.450.00 | Pressure range: 0 ... 30bar Temperature range: -25°C...+85°C Battery, Li primary cell, ~400mAh IP68 BLE | industrial pressure monitoring |
| TELID [®] 740-D32P  |  | 14.741.450.00 | Pressure range: 0.3 ... 1.2bar Temperature range: -25°C...+60°C Battery, Li primary cell, ~180mAh IP68 BLE | fluid level measurement of tanks and containers |



Mobile readers



Stationary desktop readers



Industry readers

iID[®] Contactless Readers





iID[®] CONTACTLESS MOBILE READERS

All in one hand.

The straightforward handling of our mobile devices is a major advantage in many different areas of application, for instance whenever a specific RFID transponder close to other similar ones needs to be read without interferences. All our mobile readers use Bluetooth™ to communicate with PCs, smartphones and tablets.





iID[®] contactless mobile devices

| iID [®] wearable | iID [®] POCKETwork | iID [®] PENsolid* | iID [®] PENsolidPRO* |
|---|---|---|--|
|  |  |  |  |
| <p>wearable device with Bluetooth™ low energy and USB interface, ON/OFF button, integrated activity sensors</p> | <p>mobile device with Bluetooth™ and USB interface, OLED display, trigger buttons and clock/memory.</p> | <p>Mobile device with Bluetooth™ and USB interface, LEDs and trigger buttons.</p> | <p>Mobile device with Bluetooth™ Smart (BLE), USB and NFC configuration interface, LEDs and trigger buttons.</p> |




All devices support contactless identification using iID[®] transponders as well as sensing using TELID[®] sensor transponders.

**iID[®] PENsolid and iID[®] PENsolid PRO patented by microsensys - EP 1479038 B1; US 7456826 B2*

Ordering information **PENsolid HF**

| Product code | Product | Product Name | Description |
|-------------------------|---|--|---|
| 43.92.750.00 (EU) |  | <ul style="list-style-type: none"> iID® PENsolid PRO HF | <ul style="list-style-type: none"> System: iID-3000 CE iID®PENsolid PRO HF is one of our next generation mobile device for wireless data capture. This reader is ideally suited for mobile data acquisition, asset management and maintenance documentation in administration, industry and logistics and compatible with mic³ miniaturized transponders |
| 73.72.751.00 (EU,US,CA) |  | <ul style="list-style-type: none"> iID® PENsolid | <ul style="list-style-type: none"> System: iID-3000 CE, FCC, IC certified iID®PENsolid is suitable for mobile data capture and wireless RFID read / write applications, which can be connected via its integrated Bluetooth™ interface to a smart phone, tablet computer or PC in DOC mode. |



Ordering information **POCKETwork HF**

| Product code | Product | Product Name | Description |
|-------------------|--|---|---|
| 72.62.525.00 (EU) |  | <ul style="list-style-type: none"> iID® POCKETwork LEGIC | <ul style="list-style-type: none"> Pocket read/write unit with RTC, MEM, BT, USB, Li battery Display: OLED matrix 96 x 64 iID® POCKETwork is one of the newest innovations in microsensys mobile RFID concept with LEGIC® Technology. This reader is very useful for mobile data acquisition, asset management and maintenance documentation in administration, industry, logistics and other industry sectors. |
| 72.62.720.00 (EU) |  | <ul style="list-style-type: none"> iID® POCKETwork | <ul style="list-style-type: none"> Pocket read/write unit with RTC, MEM, BT, USB, Li battery Display: OLED matrix 96 x 64 With the wireless mobile reader POCKETwork you can reach any position on your object to be inspected. The results will be transferred to a mobile device via Bluetooth. The reader has a display, three buttons, a battery, a USB- and Bluetooth- interface and is available as HF- and UHF-version. |
| 72.72.720.00 (EU) |  | <ul style="list-style-type: none"> iID® POCKETwork HFcc | <ul style="list-style-type: none"> Pocket read/write unit with Bluetooth™ HID & SPP profile, RTC, MEM, USB, Li battery iID® POCKETwork is suitable for standalone mobile data capture using its integrated real time clock and memory, as well as as a wireless RFID read/ write device, which can be connected via its integrated Bluetooth™-interface to a phone, tablet computer or PC in DOC mode. |

Ordering information mobile UHF readers

| Product code | Product | Product Name | Description |
|---|--|--|--|
| 43.92.850.00 (EU) 43.92.851.00 (US,CA) |  | <ul style="list-style-type: none"> iID® PENsolid PRO UHF | <ul style="list-style-type: none"> System: iID-4000 iID®PENsolid PRO is the newest version of our well-established mobile reader line. It's based on the patented touch and capture technology and connects mobile devices (smartphones, tablets) with all types of UHF MINI-TAGs and LABELs. |
| 41.22.820.00 (EU) |  | <ul style="list-style-type: none"> iID® POCKETwork UHF midRange | <ul style="list-style-type: none"> The device supports a wide field of different UHF standards including TELID® sensor functionality for mobile data capturing together with notebooks, tablet PCs and smartphones. It can be used as standalone data capture unit or input device as well. |
| 49.82.860.00 (EU) 49.82.861.00 (US,CA) |  | <ul style="list-style-type: none"> iID® wearable UHF | <ul style="list-style-type: none"> The device is one of the newest hands-free innovations in microSensys smart mobile wireless data capture. This smart UHF RFID scanner reader is very useable for detecting products in the logistics chain, components in materials and luggage in airport processes, mobile data acquisition, asset management. |

Ordering information iID[®] INDUSTRY BLE

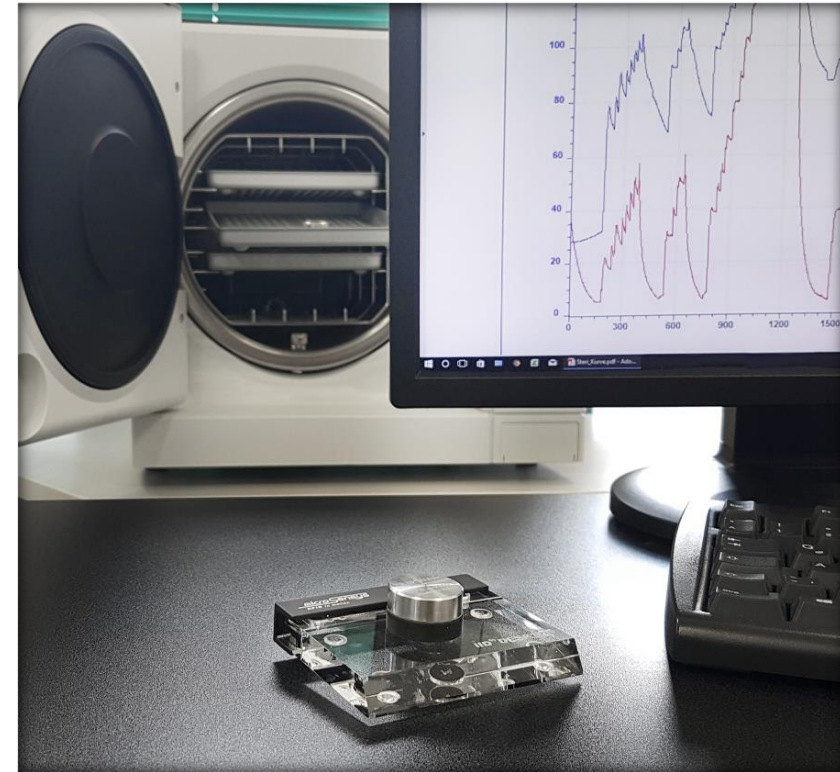
| Type | Picture | Product Code | Technicals | Application Field / Remarks |
|---|---|---------------------|--|---|
| iID [®] INDUSTRY 0906 BLE - Ethernet |  | 57.23.060.00 | <p>Temperature range: -25°C...+60°C robust, compact form factor industry reader Dimension: 96mm x 66mm x 30mm Sealing: IP67 Interfaces: BLE, Ethernet RJ45</p> | |
| iID [®] INDUSTRY 0906 BLE - PCAN |  | 57.27.060.00 | <p>Temperature Range: -25°C...+60°C robust, compact form factor industry reader Dimension: 96mm x 66mm x 30mm Sealing: IP67 Interfaces: BLE, PCAN</p> | <p>project type, PCAN interface operating with iID[®] controller</p> |

iID[®] CONTACTLESS DESKTOP READERS




Always on top of things.

Our desktop readers can be connected to a HOST PC via USB.

It comes equipped with its own software and drivers, making set-up and use as comfortable as possible for your application and enable you to swiftly read or (re-)write data from and on all kinds of transponders.



Overview iID[®] contactless Desktop

| TELID [®] Type | Picture | Product code | Technicals | Remarks |
|-------------------------------------|---|--------------------------------------|---|---|
| iID [®] PENmini HF |  | 74.79.720 | Interface: USB 2.0 Display: LED Operation modes: DOC, SPC Operation distance: 0...40 mm Dimensions: L130 x D12 mm | Special ergonomic pen design |
| iID [®] DESKTOPsmart HF |  | 35.29.551 35.29.701 | Interface: micro USB Display: LED Operation modes: DOC Operation distance: 0...50 mm Dimensions: 86x54x10 mm | Designed for TELID [®] data logger application, available for LEGIC [®] |
| iID [®] STICK HF |  | 37.29.500 37.29.550 | Interface: USB 2.0 Operation modes: DOC Operation distance: 0...50 mm Dimensions: 45(57)x20x10 mm | Works only based on LEGIC [®] platform |

iID[®] CONTACTLESS INDUSTRY READERS



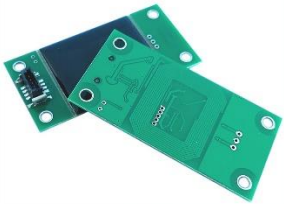

Not for light reading.

microsensys offers different RFID read/write devices in sturdy casing for industrial use. With an increased IP protection class and reliable mounting mechanisms they are perfectly suited for reading (sensor) transponders in the rough environments of industrial applications.

Additionally, we provide a range of reader modules for specific integration and OEM use cases.


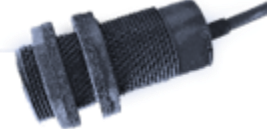




iID[®] **contactless** intelligent identification and sensing


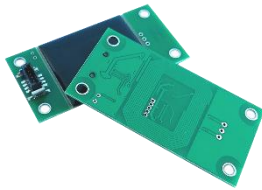
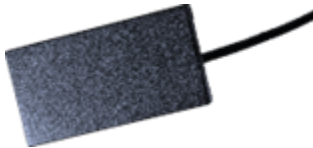
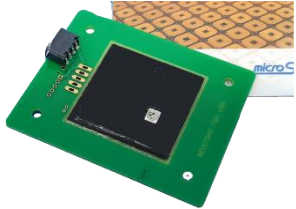
| iID [®] INDUSTRY | iID [®] antennas | iID [®] modules | iID [®] net |
|---|--|---|--|
|  <p>A black, ruggedized RFID device with a Wi-Fi symbol and the text 'UHF INDUSTRY 0006 iID[®] contactless' and 'www.microsensys.de'.</p> |  <p>A square, black antenna with a silver metal frame.</p> |  <p>A green printed circuit board (PCB) with various electronic components and connectors.</p> |  <p>A black, rectangular controller unit with a small display and buttons labeled 'PWR', 'FAIL', and 'OK'. The text 'iID[®] contactless' and 'iID[®]CONTROLLER' is visible.</p> |
| <p>iID[®]INDUSTRY – smart and rugged RFID devices with various interfaces</p> | <p>iID[®] antennas for all form factor tags and sensors in industrial application</p> | <p>compact iID[®]contactless RFID modules and boards for OEM integration</p> | <p>Integrated solution for smart wireless identification and sensing</p> |

All devices support contactless identification using iID[®] transponders as well as sensing using TELID[®] sensor transponders.

iID[®] reader HF overview and compatibility





| Device / Feature | iID [®] M18 HEAD HF | iID [®] M30 HEAD HF | iID [®] INDUSTRY 0906 HF | iID [®] INDUSTRY 0906 HF-L |
|--|---|---|---|---|
| |  |  |  |  |
| General | Standard head reader with ultra robust housing | Standard head reader with robust housing | Robust, compact form factor industry reader | Supporting encrypted personal badge reading in access control applications |
| Dimensions | D18mm x 78.5mm | D30mm x 68 mm | 96mm x 66mm x 30mm | 96mm x 66mm x 30mm |
| Mounting | By nuts | By nuts | By screws | By screws |
| IP rating | IP65 | IP65 | IP67 | IP67 |
| Antenna, TAG support | P13, for small and medium size tags | P26, for medium size and large tags | P36, for medium size and large tags | P36, for medium size and large tags |
| Chip support ISO1443/ISO15693, TELID [®] sensors, Chips with security features | ● ● - | ● ● - | ● ● - | ● ○ ● |
| Host interface | RS323 TTL, RS232, P-CAN | USB, RS232 TTL | RS232, USB, P-CAN, Ethernet, GPIO | RS232, USB, P-CAN, Ethernet, GPIO |

iID[®] boards and modules HF overview and compatibility







| Device / Feature | iID [®] board Q8/Q10 | iID [®] board U70 | iID [®] module UNI13 | iID [®] board M5570 |
|--|---|---|---|---|
| |  |  |  |  |
| General | ultra small form factor, for OEM and iID [®] net applications | Compact RF board, for OEM and iID [®] net applications | Compact RF module in housing, for OEM and iID [®] net applications | Medium size RF board, for OEM and iID [®] net applications |
| Dimensions | Q8: 32mm x 8mm x 2mm Q10: 33.5mm x 17mm x 4mm | 56mm x 26mm x 5mm | 55mm x 28mm x 12mm | 70mm x 55mm x 4mm |
| Mounting | OEM | By screws | By screws | By screws |
| IP rating | - | - | IP65 (without connector) | - |
| Antenna, TAG support | P0608/P10, for small and medium size tags | P20, for medium size and large tags | P13, for medium size and large tags | P36, for medium size and large tags, chipcards |
| Chip support ISO1443/ISO15693, TELID [®] sensors, Chips with security features | ● ● - | ● ● - | ● ● ● (type .500) | ● ● ○ |
| Host interface options | I ² C, (RS232TTL) | RS232TTL, I ² C | RS232TTL, USB | RS232TTL, I ² C |

Technical data is subject to change. Please see related data sheet. Additional device types available.

iID[®] reader and controller UHF overview and compatibility



| Device / Feature | iID [®] M30 HEAD UHF | iID [®] INDUSTRY 0906 UHF | iID [®] INDUSTRYpro8 | iID [®] controller CCO/CCR |
|---|---|---|---|---|
| |  |  |  |  |
| General | Standard head reader with robust housing and integrated antenna | Robust, compact form factor industry reader | Smart, lightweight multi antenna UHF RFID reader, RAIN compatible | Smart, lightweight IoT gateway integrated UHF RFID reader, RAIN compatible (CCR only) |
| Dimensions | D30mm x 68 mm | 96mm x 66mm x 30mm | 165mm x 105/115mm x 38mm | 165mm x 105/115mm x 38mm |
| Mounting | By nuts | By screws | By screws | By screws |
| IP rating | IP65 (without conn.) | IP67 | IP54 | IP54 |
| Antenna, TAG support | MP18, circular mid range antenna | 2 (two) external antennas | 8 (eight) external antennas | 2 (two) external antennas (optional) |
| Chip support ISO18000-6c/EPC G1Gen2, TELID [®] sensors | ● ● | ● ● | ● ● | ● ● |
| Host interface | RS232 TTL, I ² C | RS232, USB, P-CAN, Ethernet, GPIO | RS232, USB, P-CAN, Ethernet, GPIO | OLED display, USB client for mass storage, Ethernet, GPIO |

iID[®] antennas UHF overview and compatibility


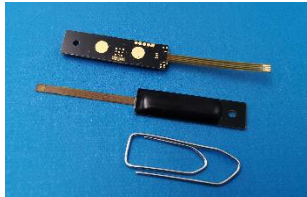
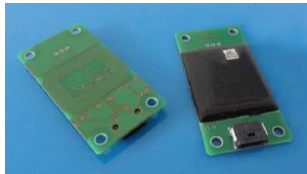
| Device / Feature | iID [®] antenna M18 | iID [®] antenna M8 | iID [®] antenna module 50.250 | iID [®] antenna B4040 | Third party antennas – Times 7 | Custom antennas |
|--|---|--|---|---|---|---|
| |  |  |  |  |  |  |
| General | Standard head antenna with robust thread housing, specially for communication with miniature tags | | Antenna module for special mounting situations | Ultra compact antenna for shelves and storage bins | Different kind of circular antennas for gate application | Patch, PCB or tunnel antennas, for custom modules or OEM integration, on request |
| RF performance / polarization | Closed coupling | | Linear | Mid range, Circular | Long range, circular | On demand |
| IP rating | IP68 | IP65 | IP54 | IP54 (without conn.) | IP67 | |
| Dimensions | D18mm x 68mm | D8mm (M8) x 17mm | 50 mm x 250 mm x 1.5mm | 56 mm x 40 mm x 20mm | - | |
| Mounting | By nuts M18/M8 or thread | | By screws | By screws, by glue | Different mounting options | Integrated or by housing |
| Miniature TAG | ● | ● | - | ○ | - | ○, ● |
| UHF transponders, TELID [®] sensors | ● (short range) | ● (short range) | ● | ● (mid range) | ● | ○ |

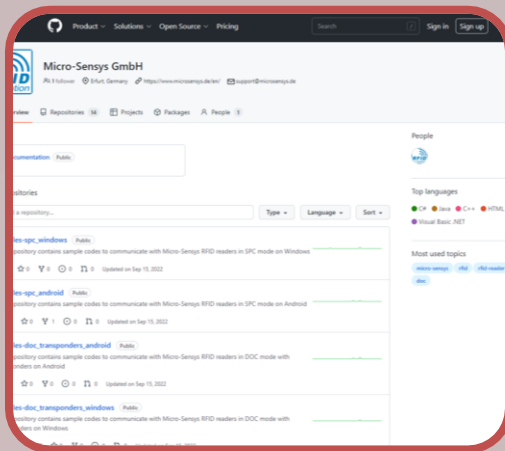
Technical data is subject to change. Please see related data sheet.

iID[®] reader Bluetooth Low Energy overview and compatibility

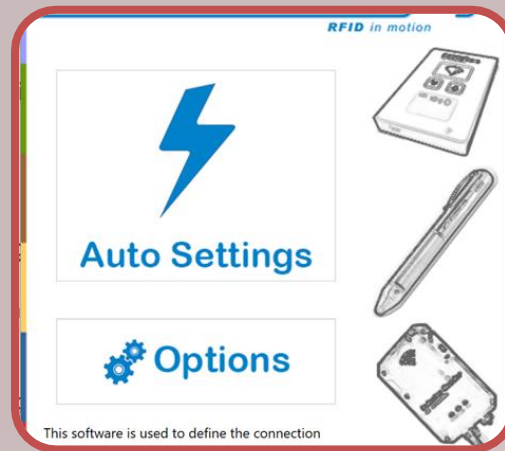
| Device / Feature | iID [®] INDUSTRY 0906 BLE - Ethernet | iID [®] INDUSTRY 0906 BLE - PCAN |
|--|---|---|
| |  |  |
| General | robust, compact form factor industry reader | robust, compact form factor industry reader |
| Dimensions | 96mm x 66mm x 30mm | 96mm x 66mm x 30mm |
| Mounting | by screws | by screws |
| IP rating | IP67 | IP67 |
| Antenna, TAG support | Integrated, TELID [®] 700 beacons | Integrated, Beacons |
| Chip support TELID [®] 700 BLE Beacons | • | • |
| Host interface | Ethernet RJ45, WiFi on request | PCAN |

Overview – iID[®] contactless Modules

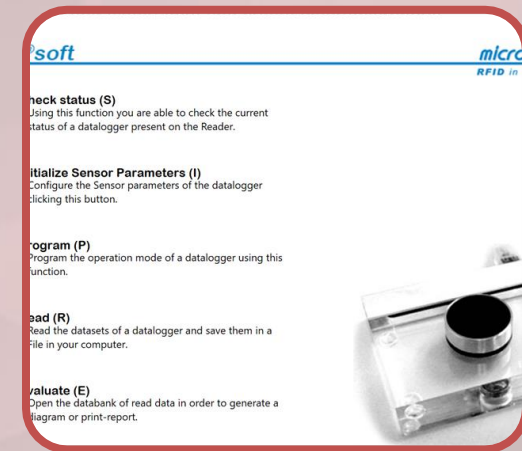
| TELID [®] Type | Picture | Product code | Technicals | Remarks |
|---|--|--|--|---|
| iID [®] module UNI13.700 HF |  | 25.29.700.00 25.26.700.00 | Interface: USB 2.0 / RS232 TTL Antenna: printed 25 x25 mm ² Operating distance: 0...50 mm Dimensions: approx. 55 x 28 x 12 mm ³ | Base module for customized OEM solution |
| iID [®] module Q8 HF |  | | Interface: UART / I2C Antenna: printed 7 x 7 mm ² Operation distance: 0...20 mm Dimensions: 32 x 8 x 2 mm ³ | Miniaturized module for customized OEM solution |
| iID [®] module U70 HF |  | 23.66.700.00 23.68.700.00 | Interface: RS232 TTL / I2C Antenna: printed 25 x25 mm ² Operating distance: 0...50 mm Dimensions: 52 x 26 x 5 mm ³ | Base module for customized OEM solution |



iID[®] and TELID[®] drivers



iID[®] tools



iID[®] and TELID[®] application software

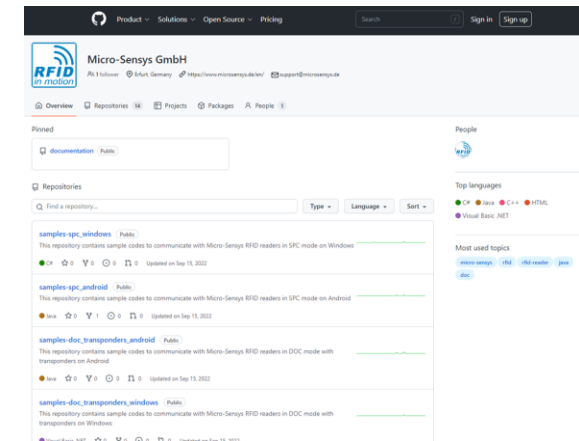
iID[®] software

iID[®] DRIVERS AND TOOLS

Set up, integrate, operate.

As a manufacturer of components, microsensys provides various software tools for setup and operation of our products in order to run your project quickly and effectively.

Software libraries and services support smooth integration into diversified system environments.



Overview iID[®] Tools and Demos

| Name | Description | Compatibility |
|---------------------------------------|--|---|
| iID[®]connection tool | <ul style="list-style-type: none"> ▪ general tool for communication interface definition ▪ test reader connection with host device ▪ standard tools and demos use defined interface | <ul style="list-style-type: none"> ▪ all iID[®] read / write interfaces ▪ Microsoft Windows |
| iID[®]config tool | <ul style="list-style-type: none"> ▪ tool for read/write interface parameter configuration and device maintenance ▪ configure script functionality and download scripts ▪ for Bluetooth devices: set type of connection | <ul style="list-style-type: none"> ▪ all iID[®] read / write interfaces ▪ Microsoft Windows |
| iID[®]DEMOsoft | <ul style="list-style-type: none"> ▪ scan every type of HF/UHF RFID/NFC TAG ▪ read / write TAG memory ▪ interact with sensor TAGs | <ul style="list-style-type: none"> ▪ all iID[®] read / write interfaces ▪ all transponder types and sensor transponders ▪ TELID[®]200, 400 ▪ Microsoft Windows ▪ Android |

*) in development or on request

Technical data is subject to change. Please see related data sheet. 52

Overview iID[®] Tools and Demos

| Name | Description | Compatibility |
|---|---|---|
| iID[®] libraries and iID[®]service (RESTful) | <ul style="list-style-type: none"> ▪ .NET Standard library that can be used to implement software in various platforms ▪ Supporting Windows OS, MacOS and various Linux distributions ▪ unique interface for access to several hardware interfaces (RS232, USB, Bluetooth, UDP, TCP) and RF technologies (HF, UHF) | <ul style="list-style-type: none"> ▪ iID[®] read / write interfaces |
| iID[®] MPC library | <ul style="list-style-type: none"> ▪ .NET Standard library that can be used to implement software in various platforms ▪ Supporting Windows OS ▪ Accessing datasets stored in MPC capable devices and providing functionality to process data | <ul style="list-style-type: none"> ▪ all iID[®] MPC enabled devices, mainly iID[®] POCKETwork ▪ Platform: Microsoft Windows |
| TELID[®] libraries and RESTful API | <ul style="list-style-type: none"> ▪ .NET Standard library that can be used to implement software in various platforms ▪ Supporting Windows OS, MacOS and various Linux distributions ▪ providing functionality to to configure, program and read out TELID[®] dataloggers | <ul style="list-style-type: none"> ▪ all iID[®] read / write interfaces ▪ TELID[®]300 sensor data loggers |

*) in development or on request

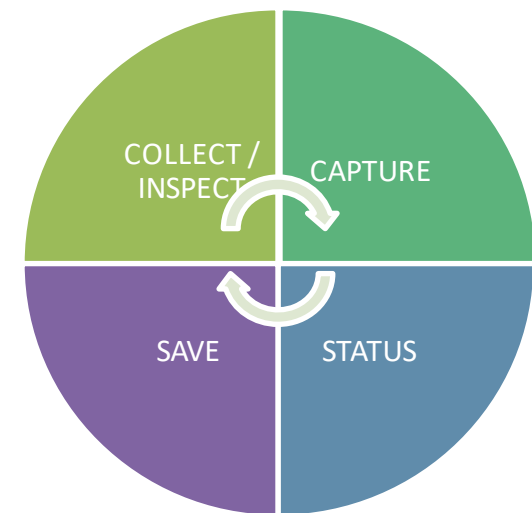
Technical data is subject to change. Please see related data sheet. 53

iID® APPLICATIONS

Identify, inspect, evaluate.

As a manufacturer of wireless identification and sensor products, microsensys provides application software to enable out of the box operation without further requirement of customer side development effort.

Digitalize your identification and measurement tasks!



Overview **iID[®] Software and APPs**

| Name | Description | Compatibility |
|--------------------------------------|--|---|
| iID[®] INIT tool | <ul style="list-style-type: none"> ▪ program user memory of RFID transponders ▪ individual field configuration ▪ data import from csv files and file logging | <ul style="list-style-type: none"> ▪ all iID[®] read / write interfaces ▪ all iID[®] transponders with user memory ▪ Microsoft Windows |
| iID[®] INIT tool NFC | <ul style="list-style-type: none"> ▪ program user memory of NFC transponders ▪ individual dataset configuration based on NDEF records ▪ data import from csv files and file logging | <ul style="list-style-type: none"> ▪ all iID[®] read / write interfaces ▪ all iID[®] NFC compatible transponders with user memory ▪ Microsoft Windows |
| iID[®] DATAcollector | <ul style="list-style-type: none"> ▪ collect ID and sensor data using your smart device ▪ includes time and geo data ▪ access your sensor data in iID[®]cloud | <ul style="list-style-type: none"> ▪ all iID[®] transponders (HF / UHF / NFC) ▪ all TELID[®] sensor transponders ▪ all TELID[®] loggers (HF / UHF / NFC)* ▪ works with device integrated NFC functionality or mobile read / write interface ▪ ready for Android |

*) in development or on request

Technical data is subject to change. Please see related data sheet.

Overview TELID[®] Software and APPs

| Name | Description | Compatibility |
|-------------------------------------|--|---|
| TELID[®]soft | <ul style="list-style-type: none"> ▪ start / stop sensor data logger ▪ set individual settings for data logger ▪ Programming, evaluation and reporting of TELID[®] sensor logger data | <ul style="list-style-type: none"> ▪ all iID[®] read / write interfaces ▪ all TELID[®] sensor data loggers ▪ Microsoft Windows |
| TELID[®]soft NFC | <ul style="list-style-type: none"> ▪ set up NFC data logger ▪ programming and evaluation of TELID[®] data loggers ▪ allows individual settings for each logger | <ul style="list-style-type: none"> ▪ all TELID[®] NFC sensor data loggers ▪ ready for Android |
| TELID[®] level sens | <ul style="list-style-type: none"> ▪ receive measurements and calculates water level of containers or tanks ▪ graphical water level view ▪ manage monitored containers and tanks and beacon relationships | <ul style="list-style-type: none"> ▪ TELID[®] 740 sensor beacons ▪ ready for Android |



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