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IXCODE IoT Reader

AgoraBee IXCODE IoT reader

The quick and easy solution for IoT and asset tracking.

AgoraBee IXCODE reader is the answer to market demands where robustness, reliability and ease of installation is requested.

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Reference Applications

- Containers tracking
- Trailers tracking
- Tools tracking
- Temperature monitoring
- Construction site security
- Personnel tracking

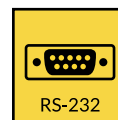
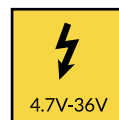
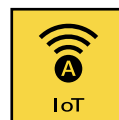
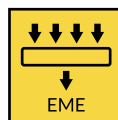
AgoraBee a swiss product harvesting information since 2008

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Switzerland

IXCODE IoT reader

A unique Event Management Engine provides smart data filtering for mobile asset tracking.

Connects your Asset to the AgoraBee Cloud®



Electrical specification

- Standard ISM frequency bands (868 MHz & 2.4 GHz)
- Event Management Engine (EME) for data filtering
- Internal antennas
- RS-232 interface
- Automotive power supply: 4.7-36 V / 250 mW
- Read range up to 2 km*
- Embedded anticollision scheme

* Read range depends on environment and AgoraBee tags

Mechanical specification

- Housing 96.3 mm x 40 mm x 20 mm
- Weight 30 g (w/o cable)
- Delivery format: single (w/o cable)

Installation instructions

- Two holes holding brackets for easy installation
- Molex® microfit 4 x 1 connector

Environmental resistance

- Operating temperature -10°C to +85°C
- Storage temperature -25°C to +125°C

Order information

- Product n°: AB-AR-IXCODE-R100
- Product name: IXCODE
- Cables are sold as accessories
- StarterKit available (contact us)

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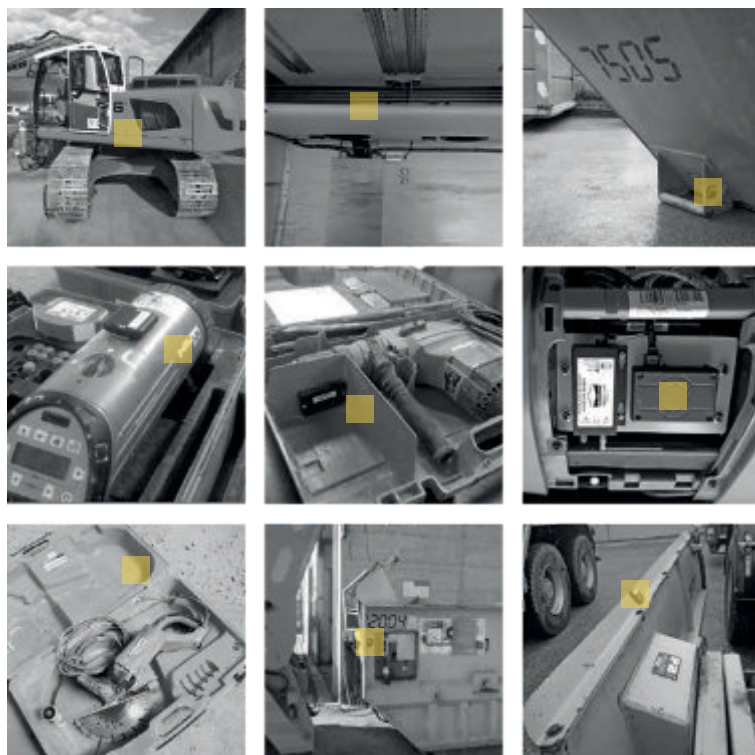
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KRYPTON Tag

AgoraBee KRYPTON RFID Tag

The quick and easy solution for asset tracking.

KRYPTON tag is used in applications where tracking portable items in harsh environment is needed for many years.



Reference Applications

- Containers tracking
- Electroportables tracking
- Tools tracking
- Construction site tracking

KRYPTON RFID Tag

KRYPTON tag protects your investment over the long-term with on-the-field proven track records.



Electrical specification

- Standard ISM frequency bands (2.4 GHz)
- 12 Digit Globally Unique ID
- Anti-collision scheme
- Up to 5 years of battery life

Mechanical specification

- IP68 packaging
- Width: 51.5 ± 0.5 mm
- Length: 47.5 ± 0.5 mm
- Thickness: 10 ± 0.5 mm
- Weight: 29 g

Installation instructions

- Mounting using glue (contact us for help)
- Can be mounted on metal surfaces

Environmental resistance

- Operating temperature -25°C to $+85^{\circ}\text{C}$
- Storage temperature -25°C to $+125^{\circ}\text{C}$
- Shock resistant

Order information

- KRYPTON 2400 UID: AB-AR-2400-K100U

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KRYPTON Plus Tag

AgoraBee KRYPTON PLUS RFID Tag

The quick and easy solution for asset tracking.

KRYPTONPLUS tag is used in variety of applications ranging from tracking items to temperature monitoring. It is the easiest solution toward reliable temperature sensing.

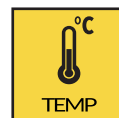


Reference Applications

- Containers tracking
- Trailers tracking
- Cold chain / Temp. monitored transports
- Tools tracking
- Construction site security
- Machine Time tracking

KRYPTON PLUS RFID Tag

KRYPTON PLUS tag protects your investment over the long-term with on-the-field proven track records.



Electrical specification

- Standard ISM frequency bands (868 MHz & 2.4 GHz)
- 12 Digit Globally Unique ID
- Anti-collision scheme
- Up to 10 years of battery life

Features specifications

- Motion sensor
- On / Off sensor
- Accuracy $\pm 0.5^{\circ}\text{C}$ (in the range -10°C to $+85^{\circ}\text{C}$)
- Precision $\pm 0.1^{\circ}\text{C}$

(Calibration certificate is available upon request)

- Internal temperature sensor
(5 minutes measurement interval)
- External temperature sensor
(5 minutes measurement interval, waterproof 50 cm long)

Mechanical specification

- IP68 packaging
- Width: 80.5 ± 0.5 mm
- Length: 47.5 ± 0.5 mm
- Thickness: 15 ± 0.5 mm
- Weight: 65 to 80 g
- 50 cm silicone wire, $\varnothing 5.1$ mm
- Minimal sensor cable radius: the cable turning shall be even and smooth, and the curvature radius of the turning shall be greater than 23mm

Installation instructions

- Mouting using glue
- Can be mounted on metal surfaces

Environmental resistance

- Operating temperature -25°C to $+85^{\circ}\text{C}$
- For temperature product: -35°C to $+85^{\circ}\text{C}$
- Storage temperature -25°C to $+125^{\circ}\text{C}$
- Shock resistant

Order information

- | | |
|-------------------------|---------------------|
| KRYPTON+ 2400 UID: | AB-AR-2400-KP100U |
| KRYPTON+ 2400 ROT*: | AB-AR-2400-KP100ROT |
| KRYPTON+ 2400 CHRONOS : | AB-AR-2400-KP100CL |
| KRYPTON+ 868 UID: | AB-AR-868-KP100U |
| KRYPTON+ 868 TEMP INT: | AB-AR-868-KP102T |
| KRYPTON+ 868 TEMP EXT: | AB-AR-868-KP200T |
| KRYPTON+ 868 MOTION: | AB-AR-868-KP100M |
| KRYPTON+ 868 ONOFF : | AB-AR-868-KP100S |

* Soon available, contact us.

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BRICK Tag

AgoraBee BRICK Tag

The quick and easy solution for asset tracking.

BRICK tag is used in variety of applications where tracking items is needed in harsh environment for many years.



Reference Applications

- Machine tracking
- Object tracking
- Tools tracking

BRICK Tag

BRICK tag protects your investment over the long-term with on-the-field proven track records.



Electrical specification

- Standard ISM frequency bands (868 MHz)
- 12 Digit Globally Unique ID
- Anti-collision scheme
- Up to 10 years of battery life

Mechanical specification

- IP68 packaging
- Width: 21 ± 0.5 mm
- Length: 80 ± 0.5 mm
- Thickness: 20 ± 0.5 mm
- Weight: 41 ± 1.5 g

Installation instructions

- Mounting using glue (contact us for help)
- Can be mounted on metal surfaces

Environmental resistance

- Operating temperature -25°C to $+85^{\circ}\text{C}$
- Storage temperature -25°C to $+125^{\circ}\text{C}$
- Shock resistant

Order information

- BRICK 868 UID: AB-AR-868-BR100U

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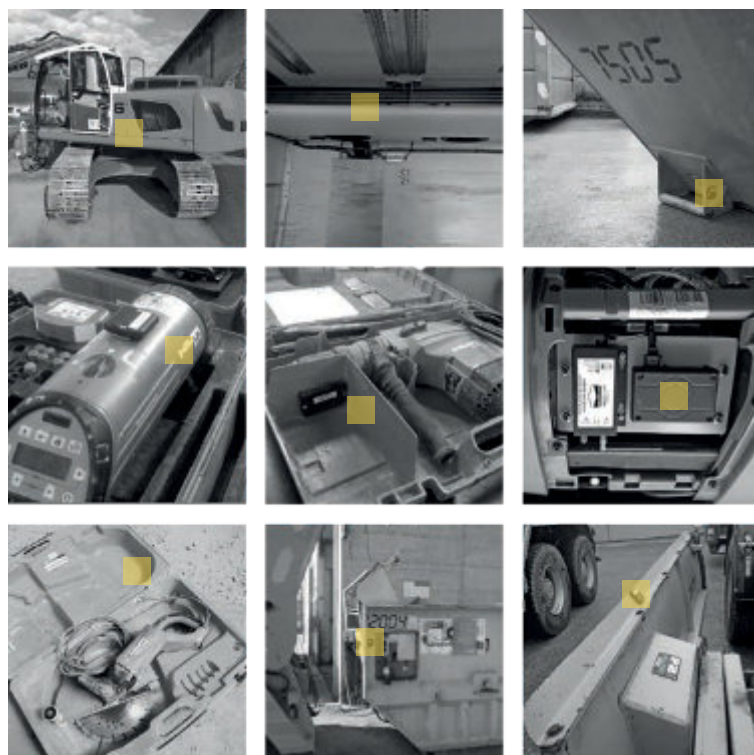
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BRICK Tag

AgoraBee TUBE Tag

The quick and easy solution for asset tracking.

TUBE tag is used in variety of applications where tracking items is needed in metal environment.



Reference Applications

- Machine tracking
- Object tracking
- Tools tracking

TUBE Tag

TUBE tag protects your investment over the long-term with on-the-field proven track records.



Electrical specification

- Standard ISM frequency bands (868 MHz)
- 12 Digit Globally Unique ID
- Anti-collision scheme
- Up to 10 years of battery life

Mechanical specification

- IP65 packaging
- Diameter: 18 ± 1 mm
- Length: 102 ± 0.5 mm
- Weight: 29 ± 1 g

Installation instructions

- Mounting using glue (contact us for help)
- Can be mounted on metal surfaces

Environmental resistance

- Operating temperature -25°C to $+85^{\circ}\text{C}$
- Storage temperature -25°C to $+125^{\circ}\text{C}$

Order information

- TUBE 868 UID: AB-AR-868-TUBE

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