

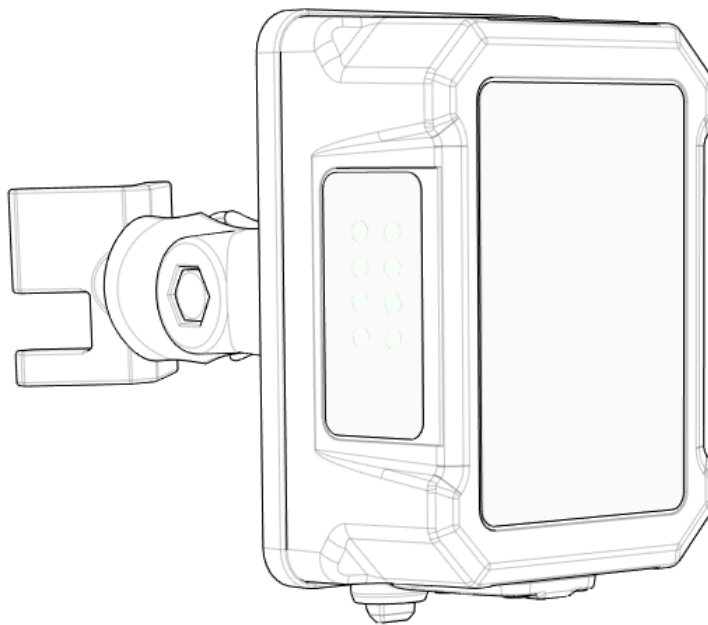
# TECHNICAL DATASHEET

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10064

Transceiver



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# SPECIFICATION

**Power supply:**

PoE, supporting IEEE 802af.

**Typical Power consumption:**

1.2 W

**Enclosure material:**

Bottom plate: Hard anodized (type III) aluminum alloy.

Casing: PA6, Black.

**Ingress protection:**

IP65

**Typical weight:**

560g.

**Dimensions: (excluding mounting accessories.)**

140x98x60 (height x width x depth)

**Operating Temperature:**

-40°C to +80°C

**Storage Temperature:**

-40°C to +80°C (-40°F to +140°F)

**Relative humidity:**

0 to 95%, non-condensing

**Mounting interface:**

3x Pot magnets / Universal AMPS 4 hole pattern, 30x38mm.

**Input connections:**

PoE, IEEE 802 af.

10/100 Ethernet on RJ45, Neutrik etherCON CAT6a required for IP65.

Network Connections 10/100/BASE-T Ethernet on CAT6a: up to 100m

**Wireless Communication:**

2.4GHz

**Connections:**

Up to 4

**Tx Power:**

Typ. 0 dBm

**Rx Sensitivity:**

-98 dBm

**Data Rates:**

1 Mbps

**Max data throughput:**

4 sensors

Sample rate (Hz): 1024

Sample length (seconds): 5

Number of samples: 5120

Snippet interval (seconds): 60

**Frequency:**

2.400 to 2.483 GHz

**Antenna Gain:**

Typ. 6dBi

**Timesynchronization offset:**

Typ. <5  $\mu$ s

**Expected product lifetime:**

>5 years

## ACCESSORIES

**Cables:**

Ethernet RJ45-NEUTRIK EtherCON CAT6a 10m

Ethernet RJ45-NEUTRIK EtherCON CAT6a 30m

Ethernet RJ45-NEUTRIK EtherCON CAT6a 60m

**Mounting:****Transceiver side**

4 hole 2" x 1,7" square base RAM-B-347U

**Extension arm**

3" arm RAM-B-201

**Rail side**

Hose Clamp Base (1-2.1") RAM-B-108BU

Tough-Claw™ Large Clamp Base (1-2.2") RAP-B-401U

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