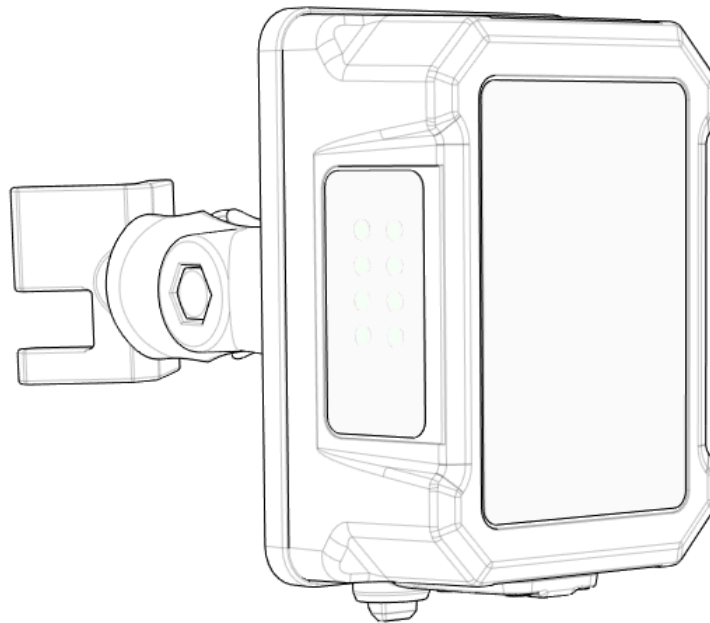


TECHNICAL DATASHEET



TR1

10064 Transceiver



SPECIFICATION	3
Power supply:.....	3
Typical Power consumption:.....	3
Enclosure material:.....	3
Ingress protection:.....	3
Typical weight:.....	3
Dimensions: (excluding mounting accessories.).....	3
Storage Temperature:.....	3
Relative humidity:.....	3
Input connections:.....	3
Wireless Communication:.....	3
Connections:.....	4
Tx Power:.....	4
Rx Sensitivity:.....	4
Data Rates:.....	4
Max data throughput:.....	4
Frequency:.....	4
Antenna Gain:.....	4
Expected product lifetime:.....	4
ACCESSORIES	4
Cables:.....	4
Mounting:.....	5
Transceiver side.....	5
Extension arm.....	5
Rail side.....	5
CONTACT	5

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 8

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 μ 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 (included)

Extension arm

3" arm (included)

Rail side

Hose Clamp Base (1-2.1") (included)

Tough-Claw™ Large Clamp Base (1-2.2") (additional)

CONTACT

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