

TECHNICAL DATASHEET



TR11

Product nr: 10082 USB 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:

USB 2.0, 5V, <100mA.

Typical Power consumption:

<100mW

Enclosure material:

Orange anodized aluminum alloy.
Front label: Polycarbonate.

Ingress protection:

IP65

Typical weight:

70g.

Dimensions: (excluding mounting accessories.)

86x54x8.4mm (height x width x depth)

Operating Temperature:

-40°C to +80°C

Storage Temperature:

-40°C to +80°C

Relative humidity:

0 to 95%, non-condensing

Input connections:

USB 2.0, USB-C receptacle.

Wireless Communication:

2.4GHz

Connections:

Up to 8

Tx Power:

Typ. 0 dBm

Rx Sensitivity:

-98 dBm

Data Rates:

2 Mbps

Max data throughput:

8 sensors configured to continuous mode.

Sample rate (Hz): 1024

Number of samples: 1024

Snippet interval (seconds): 1

Frequency:

2.400 to 2.483 GHz

Antenna Gain:

Typ. 6dBi

Time synchronization offset:

Typ. <5 μ s

Expected product lifetime:

>5 years

CONTACT

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