



WherePort III®



SEE MORE. DO MORE.



WherePort III® Benefits

- Ruggedized for Outdoor Use
- RS-232c Interface
- Real-Time Control Of Functions
- Adjustable Range

Indoor and Outdoor Proximity Communication Exciter

Zebra Location Solutions offers the WherePort III exciter to indicate proximity to a known area or critical threshold by triggering a WhereTag IV asset tags to transmit an alternate “blink” pattern. The WherePort III exciter, emits a magnetic field that is nearly spherical and its range is adjustable from approximately 1 m (3 ft) to 7.5 m (25 ft) with proper orientation. For especially large thresholds (such as very large dock doors) or areas where there may be signal blockage, multiple WherePort exciters can be interconnected to provide a larger coverage area. Additionally, WherePort exciters can be used to delineate between adjacent doors or lanes when a tag may pass through one of multiple openings.

The WherePort III exciter is compliant with the ISO/IEC 24730-2 standard. Designed for indoor and outdoor applications, the WherePort III is sealed against dust and water. The WherePort III exciter includes an adjustable mounting bracket and requires only 24 V AC or 36 V DC power. Data cables are not required for basic functions, but can be utilized for more complex applications.

The WherePort III is equipped with an RS-232c interface that allows easy programming, and firmware upgrades. The RS-232c interface also allows real-time control of the WherePort exciter’s functions including power level and tag commands. Our WherePort III exciter also provides the ability to load information into a WhereTag asset tag for transmission to the RTLS infrastructure for process control applications.

A WhereTag IV asset tag can be used and configured as a WherePort Health and Status Asset Tag to broadcast real-time WherePort III health and status information to the RTLS infrastructure and Middleware software applications.

SPECIFICATIONS

WHEREPORT III®

Model

WPT-3200

Environmental/Physical/Power

Operating Temperature Range

-30° C to +60° C (-22° F to +140° F)

Storage Temperature Range

-40° C to +70° C (-40° F to +158° F)

Humidity

0-100% (non-condensing)

Diameter

22.9 cm (9 in)

Depth

12.7 cm (5 in)

Weight

1.1 kg (2.5 lbs)

Environmental Sealing

IP65 (dust tight, water jets)

Case Material

PC/ABS

Electrical

Input Voltage

24 VAC or 36 VDC
(WherePort III power supply sold separately)

Power Connector

DIN Connector (Cable Provided)

Power Dissipation

4.2 W (max)

Operating Current

250 mA (max)

Field Intensity Limits

125 A/m at housing (ANSI/IEEE C 95.1)

51.5 dB μ A/m at 10 m (ETSI)

Propagation Limits

18.9 μ V/m at 300 m (FCC)

RS-232c Serial Interface

Data Rate

19.2Kbps

Protocol

8 data bits, 1 stop bit, no parity

RS-232c Connector

Requires Optional Communications Cable

Regulatory Approvals

North America

- FCC Part 15 Class A
- EN 55022 Class A
- EN 55024
- TUV GS per EN 60950
- EMC Directive 89/336/EEC

Accessories

Serial Cable

10 Foot

Power Supplies

- 120V - 24 VAC
- 240V - 24 VAC
- 24 VDC - 36 VDC
- 12 VDC - 36 VDC

Specifications are subject to change without notice.



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