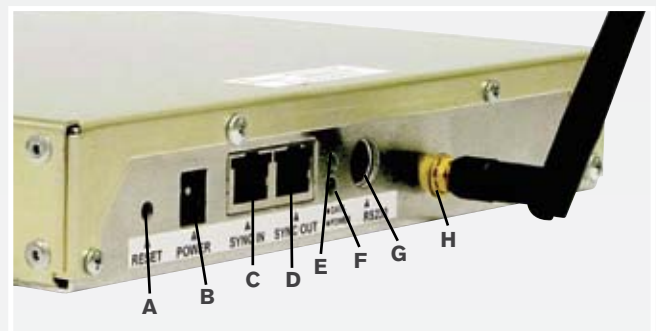


PLUS EU TAG ACKNOWLEDGMENT POINT

The PLUS EU Tag Acknowledgment Point (TAP) is part of the PLUS Real Time Location System (RTLS) and is specifically designed for use in the 27 countries of the European Union (EU). The EU TAP transmits at 2.4 GHz to PLUS EU tags to enable dynamic configuration of the tags (e.g. change tag update rate), as well as UWB regulations compliance. A typical PLUS EU network will require very few EU TAPs because of the coverage area of a single EU TAP is over 11,000 square meters (125,000 square feet).

The EU TAP includes two pan/tilt antennas for diversity of transmission to the EU Tags, and can be powered by the PLUS SDP in series with PLUS Readers or locally powered. The EU TAP transmits to the EU Tags using one of 249 channels in the 2.4 GHz frequency band, and it constantly conducts RF channel assessments to determine the clearest channel for transmission and avoid interference.



SPECIFICATIONS

DIMENSIONS

38 mm x 216 mm x 165 mm

WEIGHT

862 grams (1.9 pounds)

RF TRANSMISSION

2.4 GHz

RF TRANSMISSION RANGE

60 meters

NETWORK INTERFACE

10/100 Mbps Ethernet

TEMPERATURE

Operating: -20°C to +55°C

Storage: -40°C to +60°C

HUMIDITY

Up to 95%, noncondensing

PART NUMBER

310TE01

CERTIFICATIONS

EN 300 328/440

EN 301 489-17

IEC 60959

CE MARK

RoHS/WEEE

- A. RESET** Recessed momentary switch to reboot Reader without disconnecting power
- B. POWER** Auxiliary power jack (2.5 mm I.D. x 5.5 mm O.D.) to supply Reader with 48 VDC from an external power supply
- C. SYNC IN RJ-45** Jack for connection to the SDP or Reader earlier in the network chain. Provides the 10/100 Mbp Ethernet Data interface, 48 VDC power input, and synchronization signal to the Reader.
- D. SYNC OUT RJ-45** Jack for connection to a Reader later in the network chain. Provides the 10/100 Mbps Ethernet Data interface, 48 VDC power, and synchronization signal to the next Reader in the chain.
- E. DATA LED** Yellow LED toggles when a valid Tag packet has been processed
- F. POWER LED** Green LED lights when Reader is booted and operational
- G. RS-232** PS/2 connector to provide an RS-232 terminal connection for setting Reader network parameters
- H. ANTENNA** SMA input connector for the antenna

FOR MORE INFORMATION

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