



Proximity Tag Exciter PTE



FEATURES:

- Creates a precise and definable tag detection zone at a specific location
- Adjustable detection zone from 2 – 10'
- Simple installation – only requires mounting and power
- May be mounted above the ceiling or surface-mounted on a wall
- Fully supervised device, using 433MHz transceiver
- PoE compatible – simplifies and reduces installation costs

DESCRIPTION:

The Proximity Tag Exciter creates a 125 KHz radio frequency (RF) zone with a unique ID that allows instant and accurate location of GuardRFID's Active Tags equipped with 125KHz Receivers. When such an active tag enters the PTE zone, it immediately transmits the zone's unique ID to the system. This real-time tag location information can then be used by GuardRFID's Argus network to detect the precise location of the tag. The PTE is primarily used for very close proximity tag detection, such as for room or bed level location, a narrow choke point leading from one manufacturing cell to another or tagged items on a conveyor belt, for example.

The field strength of the Exciter's LF field can be adjusted from 2' to 10', creating a defined detection zone. By adjusting the LF field the Exciter can tightly define a specified area. The Tag Exciter also has a UHF transceiver, so that it can communicate with the network. This communications capability is used to monitor the health of the PTE in real-time, and to enable remote adjustment of its LF field size.

The PTE can be either recessed within a wall or can be surface mounted on the wall.

SPECIFICATIONS:

PTE	
Part Number	61-30006
Output Frequency	125 KHz
Power	12VDC, 1.0A max. (Individual power adapter, CPS, or PoE)
Dimensions (W x H x D)	9.25 in. x 4.0 in. x 2.075 (235 mm x 102 mm x 53)
Weight	18 oz. (510 g)
Operating Temperature	14° F to 122°F (-10°C to 50°C)
Humidity	0 – 95% RH non-condensing
Mounting	Wall or ceiling
Coverage Area	2 – 10 ft. radius (configurable)
Indicators	Visual indicators (power/communications, alarm/error, field status) and audible buzzer for alerts
Regulatory	FCC, IC
Warranty	1 Year

This device complies with part 15 of the FCC Rules and with Industry Canada specification RSS-210. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la spécification RSS-210 d'Industry Canada. Son fonctionnement est soumis aux deux conditions suivantes:

- (1) cet appareil ne peut engendrer aucune interférence et
- (2) il doit accepter toute interférence qu'il reçoit, y compris celles qui peuvent altérer son fonctionnement.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Guard RFID Solutions Inc.
sales@guardRFID.com

Tel: 866.785.7343
Fax: 604.524.4018



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