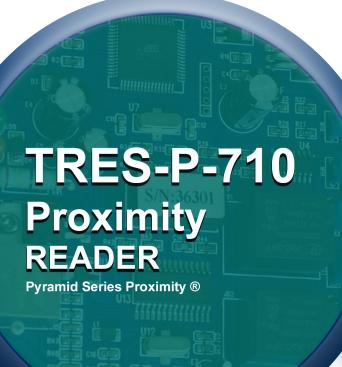


Transponder & Reader Engineered Systems Inc.







Frequency: 125 kHz

Read Range: Up to 15 inches (378 mm)







TRES-P-710 PROXIMITY READER

TRES Pyramid Series Proximity® from Farpointe Data sets the electronic security benchmark for 125-kHz proximity readers, cards, and tags. Based upon proven contactless digital radio frequency identification (RFID) technology, Pyramid readers interface with a wide range of electronic access control systems by complying with the Wiegand communication protocol. They offer value-add features such as MAXSecure™ and fleaPower™, and can be ordered to support several proximity card and tag technologies. Additionally, Pyramid cards and tags are passive devices, eliminate maintenance by requiring no battery, and can be ordered to support several proximity reader technologies.

SPECIFICATIONS TRES-P-710-H-A Technology Proximity Frequency 125 kHz Mounting Mullions, including metal door and window frames, as well as other surfaces **Dimensions** 6"W x 8.5"H x 1"D (216 mm x 152 mm x 25.4 mm) Weight 20 oz (567g) Certifications FCC, ICC, CE, C-Tick, UL Standard 2941 IP Code (2) **IP67** Voltage (3) +5 - 16 VDC **Current Draw** 215 mA typical, 600 mA peak @ 12 VDC Read Range (4) Up to 15 inches (378 mm) Cabling (5) 24 AWG minimum, multiconductor straded with an overall foil shield Interface Wiegand ABA II -40° F to 149° F (-40° C to +65° C) **Operating Temperature** Color Black snap-on cover included standard Audio Tone Beeper included standard Indoor & Outdoor Installation Electronics sealed in weather-and tamper-resistant epoxy potting Warranty Limited lifetime warranty LED Four-state standard (red, green, amber and off) Technologies Supported TRES-P-710: Pyramid Series Proximity Cards and Tags (6) TRES-P-710-H: Pyramid + certain HID 125-kHz Proximity protocols (7) TRES-P-710-A: Pyramid + certain AWID 125-kHz Proximity protocols (8)

AWID 125-kHz Proximity protocols

TRES-P-710-H-A: Pyramid + certain HID Proximity protocols + certain

NOTES:

- 1 Carrying the ETL Label and tested by Intertek, conforms to UL Standard 294
- 2 Self evaluated
- 3 Linear power supplies are recommended for best operation
- 4 Using PSC-1 Standard Light Proximity Card with 12 VDC at the reader
- For example, Belden 9535 or similar, supporting the five conductors comprising the physical layer of the Wiegand interface (power, ground, data 0, data 1, and/or beeper and LED). Alternatively, Belden 9539 or similar, for all reader functions. Contact your access control system manufacturere for their specific requirements.
- 6 8-Bit Burst or 26-bit Wiegand standard, for 4-Bit Burst and other options, please contact Farpointe
- 7 Examples may include, and may not be limited to, PSC-1, PSI4, PSM-2, PSK-3, and PDT-1.
- 8 Examples may include, and may not be limited to, ProxCard II®, ISOProx® II, and ProxKey® II.
- 9 Examples may include, and may not be limited to, CS Prox Card, GR (ISO) Graphics Quality Prox Card, and KT Key Tag



