The Essex Electronics iROX-T™ turnstile reader is a multi-frequency, multi-technology, reader designed to solve concealment challenges and enable streamlined upgrades to higher-security turnstile applications. It maximizes read range and supports numerous low frequency and high-frequency smartcards, including HID's Seos®. **The iROX-T™ is now available with optional OSDP & BLE for HID Mobile Access® capabilities.**

BENEFITS

○ Simplifies migration options to the highest level of credential security available today via HID's Seos® credential technology.

○ Can be recessed or concealed.

○ Customizable branded options.

○ Dramatically increased read range contributes to a more efficient throughput for turnstiles.
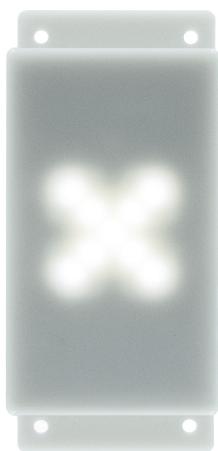
FEATURES

○ Supports most credential technologies, including HID Global's Seos® technology - for the highest level of encrypted communications available in a contactless smart card.

○ Maximizes the read range for certified turnstile manufacturers.

○ Available with OSDP (Open Supervised Device Protocol) for higher security communication from the reader.

○ Optional BLE with HID Mobile Access®

○ Supports multiple frequencies and technologies including Prox, iCLASS®, iCLASS SE®, Seos®, and MIFARE, DesFire, EV1 & 2.

Essex Electronics
1-800-KEYLESS   keyless.com

GENUINE HID TECHNOLOGY
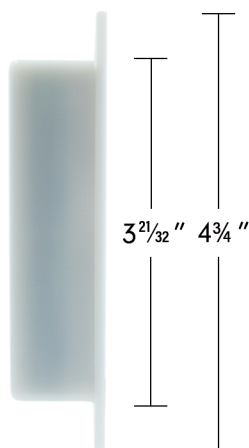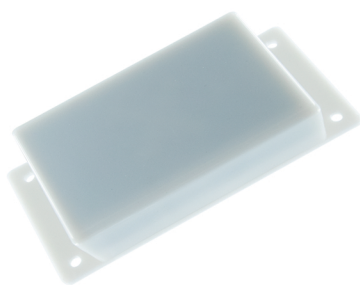
iCLASS by HID

PROX BY HID

seos

iRox-T™ is an advanced smart card reader with Genuine HID Technology™. Specifically designed for turnstile applications, the iRox-T™ reads 13.56MHz and 125 kHz credentials and is now available with optional OSDP for higher security communication and BLE for HID Mobile Access®.

|─── 2⅛″ ───|

3²¹⁄₃₂″ 4¾″

|─ 1″ ─|

FEATURES

Supported Credentials
Capable of reading HID Prox, iCLASS®, iCLASS SE®, Seos®, Mifare, DesFire EV1 and 2. Optional BLE available to read mobile devices with HID Mobile Access®.

Audio/Visual Feedback
Audio and visual XO indication when a credential is presented to the reader.

Epoxy Encapsulated Electronics
Fully sealed electronics assembly.

ORDERING GUIDE

Part Number
IRXPT-XO

Description
iRox-T Dual Frequency Wiegand Turnstile Reader

Part Number
IRXPT-MXO

Description
iRox-T Dual Frequency Wiegand Turnstile Reader with HID Mobile Access®

Part Number
IRXPT-OXO

Description
iRox-T Dual Frequency OSDP Turnstile Reader

Part Number
IRXPT-OMXO

Description
iRox-T Dual Frequency OSDP Turnstile Reader with HID Mobile Access®

SPECIFICATIONS

Power Requirements
5V +-5%, 12V +-20% DC In

Output
Wiegand output interfaces with most OEM access control panels. Optional OSDP (Open Supervised Device Protocol) available for secure bidirectional communication.

Transmit Frequency
iRox-T: 13.56MHz and 125 kHz

Typical Read Range
1.5"- 4" (Depending on credential used and mounting environment).

Current Draw
150mA Standby 250mA Peak

Operating Temperature
- 30°F to + 150°F (- 34°C to + 65°C)

Operating Humidity
90% Non Condensing Humidity

Dimensions
With and without the flange:
Depth: 1″
Width: 2⅛″
Length: 3²¹⁄₃₂″ (without flange)
　　　　 4¾″ (with flange)

Weight
7.1 oz. (200gm)

Essex Electronics

Proudly Made in the USA