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®. **iRox-T™ readers feature OSDP and offer support for HID Mobile Access® solutions including employee badge and Student ID in Apple Wallet.**
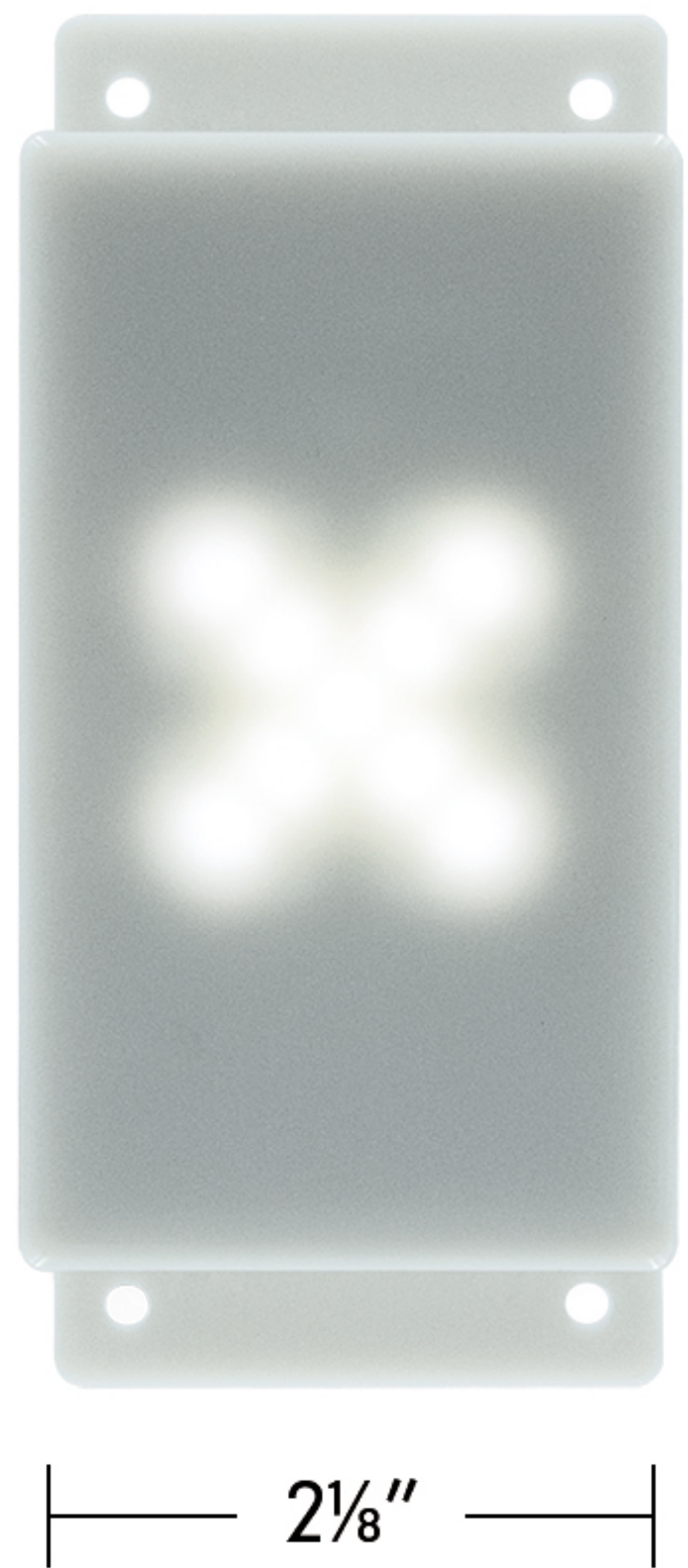
FEATURES

○ Supports most credential technologies, including HID Global's Seos® technology

○ Maximizes the read range for certified turnstile manufacturers.

○ Field Selectable Wiegand or OSDP Secure Channel for higher security communication from the reader.

○ Supports HID Mobile Access® solutions

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

BENEFITS

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

○ Can be recessed or concealed.

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

Essex Electronics
1-800-KEYLESS   keyless.com

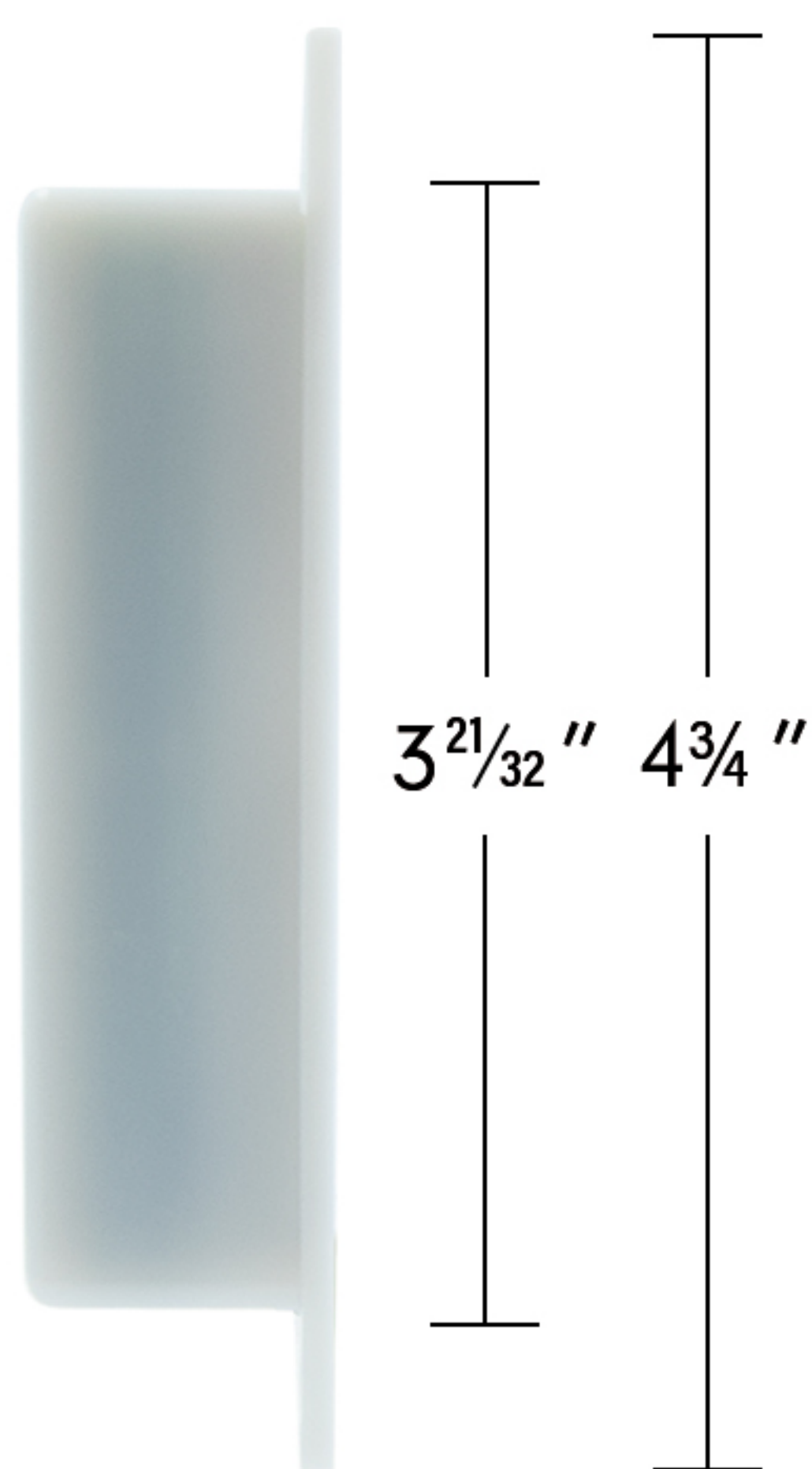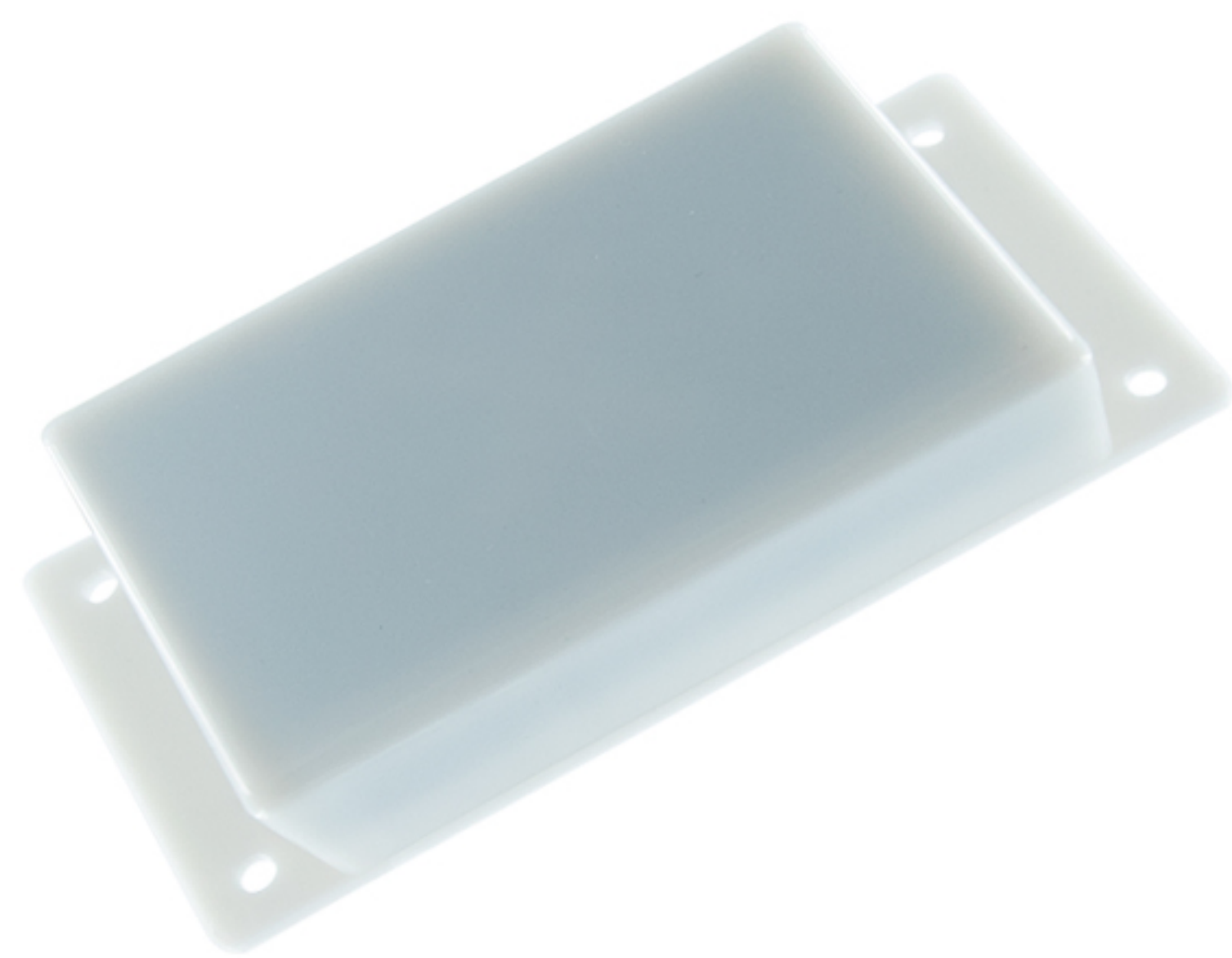HID WITH GENUINE TECHNOLOGY

ADVANTAGE HID Gold Partner

seos

Specifically designed for turnstile applications, iRox-T™ is optimally tuned to maximize read range in metal environments. iRox-T™ readers incorporate OSDP Secure Channel and offers support for all HID Mobile Access® Solutions including employee badge and Student ID in Apple Wallet.

2⅛"

3²¹⁄₃₂" 4¾"

1"

FEATURES

Supported Credentials
Capable of reading HID Seos®, iCLASS®, iCLASS SE®, MIFARE®, and DesFire® EV1/EV2. iRox-T® supports HID mobile credentials including employee badge and Student ID in Apple Wallet. Optional support for 125kHz proximity.

Audio/Visual Feedback
Audio and visual (White X to Green O) indication when a credential is presented to the reader.

ORDERING GUIDE

Part Number	
IRXTO	iRox-T™ Turnstile Reader with 13.56MHz HID iCLASS SE®

Part Number	
IRXPTO	iRox-T™ Turnstile Reader with 13.56MHz +125kHz HID MultiCLASS SE®

SPECIFICATIONS

Power Requirements
12V ±20% DC In

Output
Field Selectable Wiegand or OSDP (Open Supervised Device Protocol) for secure bidirectional communication

Transmit Frequency
IRXTO: 13.56MHz
IRXPTO: 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