iRox™ Series

iRox and iRox Pro are heavy duty touchless RFID smart card readers with a low profile, vandal and ligature resistant design. The new iRox Pro features OSDP Secure Channel and supports HID mobile credentials in Apple Wallet and Google Wallet.

- HID Seos®, iCLASS SE ®or multiCLASS SE ®

- Wiegand or OSDP Secure Channel

- Genuine HID Technology ™

- All Weather IP 66 Rated

- Up to 3" Read Range

- Vandal and Ligature Resistant

- Stainless Steel Construction

- Epoxy Encapsulated Electronics

- Stainless Steel or Matte Black Finish

- Designed and Manufactured in the USA

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Proudly Made in the USA

iRox™ & iRox Pro™ are heavy duty RFID smart card readers with Genuine HID Technology™. iRox readers feature stainless steel construction, epoxy encapsulated electronics, audio/visual feedback with a vandal and ligature resistant design. iRox Pro readers offer support for HID Mobile Access solutions including employee badge and Student ID in Apple Wallet and Google Wallet.

Features

iRox™

All Weather Design
Epoxy encapsulated electronics ensures superior performance in extreme locations.

Vandal & Ligature Resistant Construction
304 Stainless Steel faceplate with recessed electronics. Ligature Resistant Bezel (LRB–2) available for single gang readers.

Audio/Visual Feedback
Audio/visual indication when a credential is presented to the reader. Audio and visual feedback can be host controlled.
Wiegand: Blue or Red to Green
OSDP: Red, Green, Blue or Custom

RGB SPECTRUM

Mounting Method
IRXxx–1: Mullion mount
Add spacer ring (SP–1) for surface mount

IRXxx–2: Single Gang
Flush mount on a single gang switchbox.
Add extension box (BAK BOX–SGE) or angled stainless backbox (BAK BOX-SGS)

IRXxx–3: Double Gang
Flush mount on a double gang switchbox

Mobile Access Enabled
iRox Pro: NFC support for HID employee badge and Student ID in Apple Wallet and Google Wallet

Customization Options
Add a custom logo to the lens or faceplate

iRox single gang with Ligature Resistant Bezel

Specifications

Power Requirements
12VDC

Output
iRox/iRox Plus: Wiegand
iRox Pro/iRox Pro Plus: Field select Wiegand or
                                   OSDP Secure Channel

Transmit Frequency
iRox (IRX): 13.56 MHz
iRox Plus (IRXP): 13.56 MHz & 125 kHz
iRox Pro (IRXO): 13.56 MHz
iRox Pro Plus (IRXPO): 13.56 MHz & 125 kHz

Credential Compatibility
125 kHz: HID Proximity, Indala
13.56 MHz: Seos®, iCLASS®, iCLASS SE®, MIFARE®, DESFire® EV1/EV2, FeliCA
iRox Pro provides support for NFC via HID Mobile Access

HID WITH GENUINE TECHNOLOGY™

Typical Read Range
Up to 3" depending on credential and installation.

Current Draw
90mA Standby 300mA Peak

Operating Temperature & Humidity
- 31°F to + 149°F (- 35°C to + 65°C)
100% Relative Humidity

Environmental Rating
IP66 Rated (with proper installation)

Dimensions

	Height	Width	Depth	Weight
IRXxx–1	4 ½"	1 ¾"	1"	5 oz. (142 gm)
IRXxx–2	4 ½"	2 ¾"	1"	7 oz. (200 gm)
IRXxx–3	4 ½"	4 ½"	1"	14 oz. (400 gm)

ORDERING GUIDE

A – Choose Model
IRX • iRox with 13.56 MHz iCLASS SE
IRXP • iRox Plus with 13.56 MHz + 125 kHz multiCLASS SE
IRXO • iRox Pro with 13.56 MHz iCLASS SE/OSDP
IRXPO • iRox Pro+ with13.56 MHz + 125 kHz multiCLASS SE/OSDP
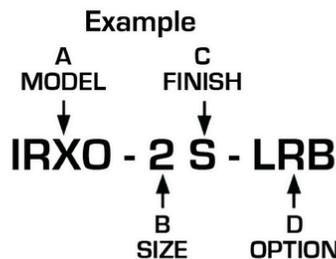
B – Choose Faceplate Size
A • No Faceplate
1 • Mullion/Narrow
2 • Single Gang
3 • Double Gang

C – Choose Finish
B • Black
S • Stainless

D – Options
LRB • Ligature Resistant Bezel (single gang only)

Example

A MODEL   C FINISH

IRXO - 2 S - LRB

B SIZE   D OPTION

.19" (.5cm)   1.5" (3.8cm)
Side View

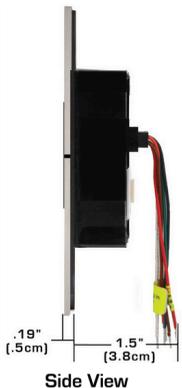## ACCESSORIES

SP-1 Narrow Spacer

LRB–2 Ligature Resistant Bezel

BAK BOX–SGE Back Box Extender

BAK BOX–SGS Stainless Steel Back Box

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