

Rugged IP Smart Card Reader



Essex Electronics

- » U.S. Manufacturer with over 30 years experience
- » FAA Compliant Supplier
- » HID Premier Partner
- » OEM Supplier to the Security Industry

iROX™ IP SERIES

- » 13.56MHz iCLASS SE® Reader
- » Genuine HID Technology™
- » Wiegand over Ethernet
- » IK 10 Rated Impact Resistance
- » IP 65 Rated Ingress Protection
- » Ethernet Communication
- » Power Over Ethernet (PoE)
- » Programmable Audio & Visual Indicators
- » Firmware Upgradable Over Ethernet
- » Up to 2" Read Range
- » Built In Switch Monitoring
- » Stainless Steel Construction

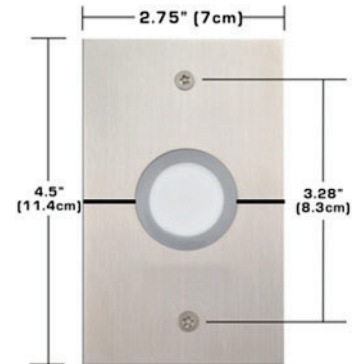


Essex Electronics
1-800-KEYLESS keyless.com

Essex iRox™ IP Series are extremely rugged (RFID) communication devices designed specifically for vandal prone areas and extremely harsh environments. IP65 and IK10 rated, iRox IP readers feature stainless steel construction, circuit assembly encapsulation and Genuine HID Technology™ in a tamper resistant, low profile design. iRox IP communicates over Ethernet sending Weigand card data and receiving audio/LED feedback. A built in auxiliary switch input is provided to connect an auxiliary piezoelectric or mechanical switch with wiring full four state switch supervision.

Specifications

Power Input	PoE, Class 1, IEEE 802.3af, 9W
Communication	Ethernet, RJ-45, 10/100BASE-T
Maximum Read Range	Up to 2"
Transmit Frequency	13.56MHz
RFID Technology	Genuine HID Technology™
Card Compatibility	iCLASS®, iCLASS SE®, Seos®, MiFARE, DESFire
Output	Wiegand over Ethernet
IP Rating *	IP65
IK Rating	IK 10 (EN62262:2002)
Operating Environment	- 40°C to + 70°C, 100% Relative Humidity
Dimensions	IRX-1IP: H: 4 1/2" W: 1 3/4" D: 1 1/2" IRX-2IP: H: 4 1/2" W: 2 3/4" D: 1 1/2"
Weight	IRX-1IP: 5.3 oz. (150 gm) IRX-2IP: 7.4 oz. (210 gm)
Faceplate Material	1/8" 304 Stainless steel
Mounting Method	IRX-1IP: Mullion Mount IRX-2IP: Single Gang switchbox
Audio & Visual Feedback	Software Programmable / Host controlled. Audio (On, Off, Slow/Medium/Fast Beeps) Visual (On, Off, Slow or Fast)
Auxiliary Switch Input	Detect activation and full four state monitor of switch health (Piezoelectric or mechanical switch) Provides proprietary testing of piezoelectric switch.
Auxiliary Reader Input	Supports an additional reader
Customization Options	Laser Marked Faceplate Graphics, LED Indicator (Standby, Card Read & Alarm)



Side View

Ordering

IRX - 1IP	iRox IP Series Narrow Ethernet 13.56MHz Reader
IRX - 2IP	iRox IP Series Single Gang Ethernet 13.56MHz Reader