

Smart Card Readers

iRox™ Series

iRox™ and iRox Plus™ are heavy duty smart card readers with genuine HID Technology™. Designed to interface with most access control panels, iRox readers feature a rugged metal faceplate, epoxy encapsulated electronics in a recessed vandal resistant design. iRox reads iCLASS SE credentials. iRoxPlus reads iCLASS SE and HID Proximity.



EX-IRX1B



EX-IRXP2

- High Frequency or Dual Frequency Wiegand Reader with Genuine HID Technology™
- iCLASS SE® (13.56MHz) or MultiCLASS SE® (13.56MHz and 125KHz)
- 1/8" Stainless Steel or Black Anodized Aluminum Faceplate
- 5 or 12VDC Field Selectable Input Voltage
- Current Draw: 90mA Standby, 300mA max
- IP 66 Rated, 100% Relative Humidity
- - 40° C to +70° C (- 40° F to + 160° F)
- Dimensions: Mullion 4 1/2" x 1 3/4" x 3/4"
Single gang 4 1/2" x 2 3/4" x 3/4"
- Bicolored Visual and Audio Feedback
- Designed and Manufactured in the U.S.A.



Customizable Graphics

ADI Part No.

Description

- EX-IRX1** Narrow Style iRox™ Reader with iCLASS SE® Stainless Steel Faceplate
- EX-IRX1B** Narrow Style iRox™ Reader with iCLASS SE® Black Aluminum Faceplate
- EX-IRX2** U.S. Single Gang iRox™ Reader with iCLASS SE® Stainless Steel Faceplate
- EX-IRX2B** U.S. Single Gang iRox™ Reader with iCLASS SE® Black Aluminum Faceplate
- EX-IRXP1** Narrow Style iRox Plus™ Reader with MultiCLASS SE® Stainless Steel Faceplate
- EX-IRXP1B** Narrow Style iRox Plus™ Reader with MultiCLASS SE® Black Aluminum Faceplate
- EX-IRXP2** U.S. Single Gang iRox Plus™ Reader with MultiCLASS SE® Stainless Steel Faceplate
- EX-IRXP2B** U.S. Single Gang iRox Plus™ Reader with MultiCLASS SE® Black Aluminum Faceplate



EX-FOB2050



EX-CARD2080

Proximity Readers

RoxProx™ Series

RoxProx™ is an extreme duty 125 kHz Proximity reader with Genuine HID Technology™. RoxProx features rugged metal construction, epoxy encapsulated electronics and a low profile, vandal resistant design.

- 125kHz Wiegand Proximity Reader with Genuine HID Technology™
- 1/8" Stainless Steel or Black Anodized Aluminum Faceplate
- 5 or 12VDC Autodetect Input Voltage
- Current Draw: 50mA Standby, 150mA max
- IP 66 Rated - 40° C to +70° C, 100% Relative Humidity
- Dimensions: Mullion 4 1/2" x 1 3/4" x 3/4" Single gang 4 1/2" x 2 3/4" x 3/4"
- Limited Lifetime Warranty



RoxProx II™



EX-PRX1



EX-PRX2R



EX-PRX22B



Customizable Graphics

ADI Part No.

Description

- EX-PRX1** RoxProx™ Narrow Proximity Reader Stainless Steel Faceplate, Blue Globe
- EX-PRX2** RoxProx™ Single Gang Proximity Reader Stainless Steel Faceplate, Blue Globe
- EX-PRX1R** RoxProx™ Narrow Proximity Reader Stainless Steel Faceplate, Red RFID
- EX-PRX2R** RoxProx™ Single Gang Proximity Reader Stainless Steel Faceplate, Red RFID
- EX-PRX21** RoxProx II™ Narrow Proximity Reader Stainless Steel Faceplate, Blue Globe
- EX-PRX21B** RoxProx II™ Narrow Proximity Reader Black Aluminum Faceplate, Blue Globe
- EX-PRX22** RoxProx II™ Single Gang Proximity Reader Stainless Steel Faceplate, Blue Globe
- EX-PRX22B** RoxProx II™ Single Gang Proximity Reader Black Aluminum Faceplate, Blue Globe



EX-CARD1326

Keypad Readers

KTP Series

The KTP Series are virtually indestructible Keypad readers designed to interface with most access control panels. Built with Essex Piezoelectric Switch Technology™, the KTP Series can be used in virtually any interior or exterior environment.

- Superior Performance: Switch technology tested over 1 Billion cycles.
- All Weather: IP66 Rated, - 40° C to +70° C (- 40° F to + 160° F), 100% Relative Humidity



KTP 12 Pad 3x4

- Dimensions: 5 1/8" x 3 3/8" x 7/16"
- Current Draw: < 20 mA
- Mounting: Single gang, surface or flush
- Keypad Bezel: Stainless Steel (SN), Black (KN) or no Bezel (XX)

ADI Part No.

EX-KT103SN
EX-KTP163SN
EX-KTP4853SN

Keypad Output

26 Bit Wiegand
8 Bit Word
RS-485



KTP Thinline 2x6

- Dimensions: 7 1/8" x 1 3/4" x 3/4"
- Current Draw: < 20 mA, Illuminated: < 60 mA
- Mounting: Surface or mullion mount
- Keypad Overlay: Stainless Steel (SN) or Black Illuminated (LI)

ADI Part No.

EX-KT102SN
EX-KTP162SN

Keypad Output

26 Bit Wiegand
8 Bit Word



Combination Keypad/Card Readers

PiezoProx®

PiezoProx is a rugged dual technology access control reader which combines an Essex 3x4 Keypad with 125 kHz HID Proximity. PiezoProx is designed for harsh or vandal prone environments where a dual method of identification is desired.



- Genuine HID Technology™
- IP66 Rated, - 40° C to +70° C, 100% Relative Humidity
- Keypad Output: 26 Bit Wiegand (103) or 8 Bit Word (163)
- Keypad Bezel: Stainless Steel (SN) or Black (KN)
- Current Draw: < 80mA with LED's, < 35mA without LED's
- Mounting: Single gang switchbox or surface mount
- Dimensions: 7 1/4" x 3 5/8" x 1 1/2"

ADI Part No.

EX-PPH103SN
EX-PPH163SN

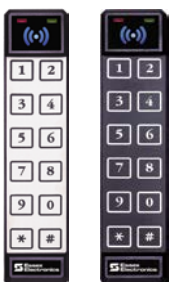
Description

PiezoProx® Reader – HID Proximity w/26 Bit Wiegand Keypad, Stainless Bezel
PiezoProx® Reader – HID Proximity w/8 Bit Word Keypad, Stainless Bezel



T-Prox™

T-Prox is a dual technology access control reader which combines an Essex Thinline 2x6 Keypad with HID125 kHz Proximity. Suitable for all indoor and outdoor applications, T-Prox is specifically designed for mullion mount installations to provide a dual method of identification.



- Genuine HID Technology™
- IP66 Rated, -40° C to +70° C, 100% Relative Humidity
- Keypad Overlay: Stainless Steel (S) or Black Illuminated (I)
- Current Draw: < 30mA, Illuminated < 100 mA
- Mounting: Surface or mullion mount
- Dimensions: 7 1/8" x 1 3/4" x 3/4"

ADI Part No.

EX-TPX26S
EX-TPX26I

Description

T-Prox Reader – Thinline 2x6 Keypad w/HID Proximity, Stainless Overlay
T-Prox Reader – Thinline 2x6 Keypad w/HID Proximity, Black Illuminated Overlay



Access Control

All Weather Keypad • Request to Exit • Latching • Anti Tailgating • Tamper Alarm • Programmable Output Time • Non Volatile Memory

SKE-34/SKE-26 Multiple User, Self Contained, Access Control Keypad



- 500 User
- 12–24VDC In/Out
- 3 Programmable Outputs
- 1 SPDT Relay (2 amp at 24V max)
- Keypad Programmable
- 2 Auxiliary Open Collector Outputs (¼A)
- 3x4 Bezel: Stainless (S) or Black (K).
2x6 Overlay: Stainless (S) or Black Illuminated (I)

ADI Part No.

EX-SKE34S

EX-SKE34K

EX-SKE26S

EX-SKE26I

Description

SKE-34, 3x4 Keypad Stainless

SKE-34, 3x4 Keypad Black

SKE-26, 2x6 Keypad Stainless

SKE-26, 2x6 Keypad Black



K1



All-In-One, Multi Format Keypad Reader (26 Bit Wiegand, 8 Bit Word, BCD, Serial ASCII)

Field configurable as an OEM Compatible Reader or 500 User Keyless Entry System (*may require external relays)

- 5VDC or 12–24VDC In/Out
- 3 Programmable O.C. Outputs
- Keypad Programmable
- 3x4 Bezel: Stainless (S) or Black (K) 2x6 Overlay: Stainless (S) or Black Illuminated (I)

ADI Part No.

EX-K134S

EX-K134K

EX-K126S

EX-K126I

Description

K1, 12 Pad 3x4 Stainless

K1, 12 Pad 3x4 Black

K1, Thinline 2x6 Stainless

K1, Thinline 2x6 Black



Keyless IP



Web Browser

Single Door Web Based Access Control System

- 1,000 User (Pin or Card)
- 12–16VDC In/Out
- 2 SPDT Relays (2A @ 30VDC)
- 5,000 Stored Audit Events
- 8 Programmable Schedules
- Managed via standard web browser
- DHCP or Static IP networks
- 3x4 Bezel: Stainless (S) or Black (K)
2x6 Overlay: Stainless (S) or Black (I)
- 802.3af PoE (Power Over Ethernet)
- Keypad, Proximity, Smart Card or Combination Keypad/Card Reader
- Browser “Door Dashboard” accesses remote door commands, status, alarms and recent events.

ADI Part No.

EX-KIP34S

EX-KIPRX2

EX-KIP26S

Description

Keyless IP, 12 Pad 3x4 Stainless Keypad

Keyless IP, RoxProx, Single Gang Globe

Keyless IP, Thinline 2x6 Stainless Keypad

Additional card and combination readers available.



» For multiple door Keyless IP Access Control Systems, contact Essex at 1-800-KEYLESS

Accessories

Stainless Spy Proof Housing



The Stainless Steel Spy Proof Housing provides illumination and serves to limit the view of an unwelcome onlooker.

- 5 5/8" x 3 5/8" x 1" to 2 1/4"
- Long Lasting LED's

ADI Part No.

EX-SH34SI5

EX-SH34SI12

Description

5VDC Illuminated Housing

12VDC Illuminated Housing

Mullion Spacer Ring



The surface mount spacer ring is designed to simplify mullion mount installations. The spacer ring is constructed of black anodized aluminum. For use with narrow PEB, iRox, RoxProx and Hand-E-Wave.

ADI Part No.

EX-PRXSR

Description

Mullion spacer ring

Stainless Back Box

The Stainless Steel Back Box solves various installation challenges. For use with 3x4 keypads and single gang iRox and RoxProx readers & switches.

- 5 3/8" x 3 5/8" x 1/2" to 1 3/4"
- Conduit knockout

ADI Part No.

EX-BAKBOXSGS

Description

Single Gang Back Box



No Touch Switches

Hand-E-Wave™

Hand-E-Wave is a rugged hands-free switch with advanced 24GHz Doppler radar technology. Ideal for use in sterile environments (i.e. hospitals, clean rooms and food processing plants) Hand-E-Wave's no touch activation reduces the spread of bacteria and infectious diseases.

- Power Requirements: 5VDC or 12–24VAC/DC*
- One SPDT Relay, 2A 30VDC Resistive, ½A 125VAC
- Adjustable detection range: 2 to 24 inches



EX-HEW1

EX-HEW2

ADI Part No.	Description
EX-HEW1	Narrow Style Hand-E-Wave™ Switch, Stainless Steel Faceplate
EX-HEW1B	Narrow Style Hand-E-Wave™ Switch, Black Aluminum Faceplate
EX-HEW1W	Narrow Style Hand-E-Wave™ Switch, White Powder coat Faceplate
EX-HEW2	U.S. Single Gang Hand-E-Wave™ Switch, Stainless Steel Faceplate
EX-HEW2B	U.S. Single Gang Hand-E-Wave™ Switch, Black Aluminum Faceplate
EX-HEW2W	U.S. Single Gang Hand-E-Wave™ Switch, White Powdercoat Faceplate
EX-HEW3	U.S. Double Gang Hand-E-Wave™ Switch, Stainless Steel Faceplate
EX-HEW3B	U.S. Double Gang Hand-E-Wave™ Switch, Black Aluminum Faceplate
EX-HEW3W	U.S. Double Gang Hand-E-Wave™ Switch, White Powdercoat Faceplate
EX-HEW6	6" Round Hand-E-Wave™ Switch, Stainless Steel Faceplate
EX-HEW6B	6" Round Hand-E-Wave™ Switch, Black Aluminum Faceplate
EX-HEW6W	6" Round Hand-E-Wave™ Switch, White Powdercoat Faceplate



EX-HEW6B

Customizable Graphics

Piezoelectric Touch Switches

Hand-E-Tap® and the PEB Series are heavy duty, stainless steel, configurable REX devices designed to operate in various high use, harsh and vandal prone environments. All Essex Touch Switches are built with solid-state Piezoelectric Switch technology.

Hand-E-Tap® Series

- Power Requirements: 12–24VAC/DC*
- One Output: 1SPDT Relay (8A @ 30VDC, 125 VAC)
- Toggle or Adjustable Output Time: 1 to 60 seconds
- Dimensions: Single gang 5½" x 3⅜" x 1"

The Hand-E-Tap Series can be customized with laser marked graphics, text, symbols or logos.



EX-PHSS1US



EX-PHSK2US



ADI Part No.	Description
EX-PHSS1US	Hand-E-Tap Access Switch, ADA Wheelchair Icon, Stainless
EX-PHSK2US	Hand-E-Tap Access Switch, "Push to Open", Black Bezel

PEB Series

- Power Requirements: 12–24VDC*
- Two Outputs: 1 N/O, 1 N/C (2A 30VDC Resistive, ½A 125 VAC)
- Adjustable Output Time: 1 to 40 seconds
- Dimensions: Single gang 4 ½" x 2 ¾" x 1 ¼" Narrow 4 ½" x 1 ¾" x 1 ¼"

ADI Part No.	Description	Faceplate Graphics
EX-PEBSS2US	U.S. Single	"PUSH TO EXIT"
EX-PEBSS6US	U.S. Single	"PUSH TO OPEN"
EX-PEBSSN2	Narrow Switch	"PUSH TO EXIT"
EX-PEBSSN6	Narrow Switch	"PUSH TO OPEN"



EX-PEBSSN2



EX-PEBSS2US



All PEB Series feature field selectable illumination. Brilliant red, vibrant green or no illumination can be selected for standby and switch activation status

*Important Note: Essex REX devices will not operate with <11VDC. Backup power (i.e. UPS) is required for operation during a power interruption.

