

Extreme Proximity

EX - PRX2CF

Trusted in Prisons



Proximity Readers

RoxProx™ Series

Essex RoxProx™ is an extreme duty 125 kHz Proximity reader with Genuine HID Technology™. Features include stainless steel construction, epoxy encapsulated electronics, audiovisual feedback, up to 2" read range and a low profile, vandal resistant design.

- 125kHz Wiegand Proximity Reader with Genuine HID Technology™
- 1/8" Stainless Steel Faceplate
- 5 or 12VDC Field Selectable Input Voltage
- Current Draw: 50mA Standby, 150mA max
- IP 66 Rated, -40° C to +70° C (-40° F to + 160° F), 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"

ADI Part No.	Description
EX - PRX1	RoxProx™ Narrow Proximity Reader with Essex Blue Globe design
EX - PRX2	RoxProx™ Single Gang Proximity Reader with Essex Blue Globe design
EX - PRX1R	RoxProx™ Narrow Proximity Reader with Essex Red RFID design
EX - PRX2R	RoxProx™ Single Gang Proximity Reader with Essex Red RFID design
EX - PRX1CF	RoxProx™ Narrow Proximity Reader with Customizable Faceplate
EX - PRX2CF	RoxProx™ Single Gang Proximity Reader with Customizable Faceplate



EX-PRX1



EX-PRX2R



NEW RoxProx™ IP Series

Essex RoxProx™ IP Series are extremely rugged 125 kHz Proximity Readers designed to communicate over Ethernet. Features include PoE, Auxiliary Proximity / Switch Input, Host Controlled Audio/Visual Feedback and full four state switch monitoring.

ADI Part No.	Description
EX - PRX1IP	RoxProx™ IP Series Narrow Ethernet Proximity Reader
EX - PRX2IP	RoxProx™ IP Series Single Gang Ethernet Proximity Reader



Keypad Readers

KTP Series

Essex KTP Series are virtually indestructible Piezoelectric Keypad readers designed to interface with access control panels or process control equipment. Fully encapsulated, these readers are unsurpassed in their ability to tolerate any environment.

- Superior Performance: Essex Proprietary 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-KT4853SN

Keypad Output

26 Bit Wiegand

8 Bit Word

RS - 485



KTP Thinline 2x6

The Thinline 2x6 is a narrow style Keypad intended for Mullion Mount applications.

- 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-KT162SN

EX-KT4852SN

Keypad Output

26 Bit Wiegand

8 Bit Word

RS - 485



Combination Keypad/Card Readers

PiezoProx® and iSMART™

PiezoProx & iSMART are extremely rugged dual technology access control readers. PiezoProx combines an Essex Keypad with HID 125 kHz Proximity. iSMART offers enhanced security by integrating HID iCLASS® 13.56MHz smart card 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 3/8" x 1 1/2"

Card Reader Options



ADI Part No.

EX-PPH103SN

EX-ISH103SN

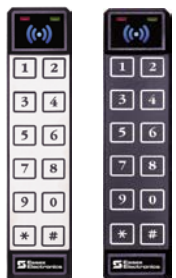
Description

PiezoProx® Reader- HID Proximity w/26 Bit Wiegand Keypad, Stainless Bezel

iSMART™ Reader - HID iCLASS w/26 Bit Wiegand Keypad, Stainless Bezel

NEW T-Prox™

T-Prox is a dual technology access control reader which combines an Essex Thinline 2x6 Keypad with HID 125 kHz Proximity.



- 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

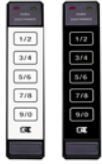
T-Prox Reader - Thinline 2x6 Keypad w/HID Proximity, Black Illuminated Overlay



Access Control

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

SKE-6



Self Contained, Access Control Keypad

- 6 User
- 12-24VAC/DC In/Out
- 1 SPDT Relay (2 amp at 24V max)
- Doorbell and CCTV Outputs (¼A)
- Keypad Programmable

ADI Part No. Description

- EX-SKE6SN** SKE-6, Stainless Overlay
- EX-SKE6LI** SKE-6, Black Illuminated Overlay



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



- 500 User
- 12-24VDC In/Out
- 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. Description

- EX-SKE34S** SKE-34, 3x4 Stainless
- EX-SKE26I** SKE-26, 2x6 Black Illuminated



KE-265



Secure, Stand Alone Keypad Access Control System

- 6 User
- 12-24VAC/DC In/Out
- 2 SPDT Relays (6 amp, 120VAC)
- Keypad Programmable
- Separate control module

ADI Part No. Description

- EX-KE26534S** KE-265 w/5 Pad Stainless



K1



All-In-One, Secure Keypad Access Control System or OEM Reader (26 Bit Wiegand, 8 Bit Word,...)

Configure as OEM Compatible Reader or Keyless Entry System

- 500 User
- 5VDC or 12-24VDC In/Out
- 3 Programmable Outputs
- Keypad and/or PC Programmable*
- 3x4 Bezel: Stainless (S) or Black (K) 2x6 Overlay: Stainless (S) or Black Illuminated (I)
- Optional Encoded Relay Module (ERM-3) with 3 SPDT Relays (6 amp, 120VAC) for secure access

ADI Part No. Description

- EX-K134S** K1, 12 Pad 3x4 Stainless
- EX-K126S** K1, Thinline 2x6 Stainless
- EX-K134SERM3** K1, 12 Pad 3x4 Stainless + ERM-3
- EX-K126SERM3** K1, Thinline 2x6 Stainless + ERM-3



Keyless IP



Stand Alone, Single Door IP 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 or Combination
- Browser "Door Dashboard" accesses remote door commands, status, alarms and recent events
- HID Proximity or iCLASS Cards and Keyfobs are available on page 2.

ADI Part No. Description

- EX-KIP34S** Keyless IP, 12 Pad 3x4 Stainless Keypad
- EX-KIP26S** Keyless IP, Thinline 2x6 Stainless Keypad
- EX-KIPRX1** Keyless IP, RoxProx Narrow Globe, HID Proximity
- EX-KIPRX2** Keyless IP, RoxProx Single Gang Globe, HID Proximity
- EX-KIPRX1R** Keyless IP, RoxProx Narrow RFID, HID Proximity
- EX-KIPRX2R** Keyless IP, RoxProx Single Gang RFID, HID Proximity
- EX-KPIP34S** Keyless IP, 3x4 Stainless Keypad + HID Proximity
- EX-KSIP34S** Keyless IP, 3x4 Stainless Keypad + HID iCLASS



Web Browser



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

*K1 Series EZKey PC Programming Software included with optional Encoded Relay Module (ERM-3)

Piezoelectric Touch Switches

Essex Piezoelectric Switches are heavy duty, stainless steel, timed electronic switches designed to operate in various high use, harsh and vandal prone environments. These multipurpose, programmable switches can be used to control an automatic door, electric lock/strike, magnetic lock or any electrically controlled device. They feature solid-state Piezoelectric Switch technology and field selectable options including adjustable timed output and illumination status.

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"
- Current Draw: < 8mA Standby, 100mA max

The Hand-E-Tap Series can be customized with laser marked graphics, text, symbols or logos. No extra charge for quantities of 25 or more.



EX-PHSS1US



EX-PHSK2US



ADI Part No. Description

- EX-PHSS1US** Hand-E-Tap Access Switch, ADA Wheelchair Icon, Stainless Bezel
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"
- Current Draw: <10mA Standby (LED's OFF), 120mA max (Relay ON)

ADI Part No. Description Faceplate Graphics

- EX-PEBSS0** U.S. Single Gang Switch No Graphics
EX-PEBSS2US U.S. Single Gang Switch "PUSH TO EXIT"
EX-PEBSS6US U.S. Single Gang Switch "PUSH TO OPEN"
EX-PEBSSNO Narrow Switch No Graphics
EX-PEBSSN2 Narrow Switch "PUSH TO EXIT"
EX-PEBSSN6 Narrow Switch "PUSH TO OPEN"



EX-PEBSS2US



EX-PEBSSN2



Touch to change color
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:** Piezoelectric Touch Switches will not operate with <1VDC. Backup power (i.e. UPS) is required for operation during a power interruption.

Accessories

Stainless Spy Proof Housing



The Illuminated Stainless Steel Spy Proof Housing provides illumination and serves to limit the view of an unwelcome onlooker. For use with the 12 Pad 3x4 or Hand-E-Tap.

- 5⅝" x 3⅝" x 1" to 2¼"
- Long Lasting LED's

ADI Part No. Description

- EX-SH34SI5** 5VDC* Illuminated Housing
EX-SH34SI12 12VDC* Illuminated Housing
EX-SH34S Non Illuminated Housing

*Can be powered by an Essex Keypad DC or separate DC power source

Mullion Spacer Ring



The surface mount spacer ring is designed to simplify mullion mount installations. For use with the narrow RoxProx or PEB Series, the spacer ring is constructed of black anodized aluminum.

ADI Part No. Description

- EX- PRXSR** Mullion spacer ring

Stainless Back Box

To solve various installation challenges, Essex offers the Stainless Steel Back Box. For use with a 12 Pad 3x4 Keypad, Hand-E-Tap, single gang RoxProx or PEB Series

- 5 ⅜" x 3 ⅝" x ½" to 1¾"
- Tilts the product 15°
- Stainless Steel Construction
- Conduit knockout for surface

ADI Part No. Description

- EX-BAKBOXSGS** Single Gang Back Box

