



Proximity Readers

NEW RoxProx™ Series

Essex RoxProx™ is an extreme duty 125 kHz proximity reader with Genuine HID Technology™. Built to last, this all weather IP66 rated Wiegand reader features stainless steel construction, epoxy encapsulated electronics, audiovisual feedback and a modern low profile design. Suitable for both indoor and outdoor applications, RoxProx is built to withstand the harshest environment yet attractively designed to complement any décor.

- Weather and Vandal Resistant Construction
- 1/8" Stainless Steel Faceplate
- Epoxy Encapsulated Electronics
- IP 66 Rated, -40° C to +70° C (-40° F to + 160° F), 100% Relative Humidity
- Wiegand output interfaces with most access control panels
- 125kHz HID Proximity (Up to 91 bits)
- 5 or 12VDC Field Selectable Input Voltage
- Mullion Mount or Single Gang versions
- Dimensions: Mullion 4 1/2" x 1 3/4" x 3/4"
Single gang 4 1/2" x 2 3/4" x 3/4"
- Current Draw: 50mA Standby, 150mA max
- Up to 2" Read Range
- Audio and bi-colored (blue/green) illumination feedback
- Custom Graphics and Laser Marked logo available
- For enhanced vandal resistance, security screws are recommended

<u>Essex Part No.</u>	<u>Description</u>
PRX - 1	RoxProx™ Reader Narrow Style HID Proximity with Essex Globe
PRX - 2	RoxProx™ Reader Single Gang HID Proximity with Essex Globe
PRXSR	Surface Mount Spacer Ring for PRX-1
BAK BOX - SGS	Surface Mount Stainless Back Box for PRX-2

HID 125kHz Proximity Cards and Keyfobs are available on page 2.



PRX-1 shown with HID ISOProx Card

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 with no moving parts, these readers are unsurpassed in their ability to tolerate any environment.

- Superior Performance: Essex Proprietary Switch Technology tested over 1 Billion cycles.
- Weatherproof/Waterproof: IP66 Rated, -40° C to +70° C [-40° F to + 160° F], 100% Relative Humidity
- Laser Marked Keypad Graphics withstands wear from frequent use and harsh environments (i.e. JA Jetfuel, bleach)
- Field Selectable: 5 or 12VDC Input Voltage, Site Code (26 Bit Wiegand), Baud Rate/Parity (Serial ASCII)
- Keypad Certifications: UL Listed Access Control Accessory, CE Compliant, Part 15 of FCC rules and regulations.
- Limited Lifetime Warranty against defects in materials and workmanship.



KTP 12 Pad 3x4

A stainless steel Keypad reader designed to tolerate even the most extreme environments.

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

Essex Part No.

KTP - 103 - SN

KTP - 163 - SN

KTP - 4853 - SN

KTP - 983 - SN

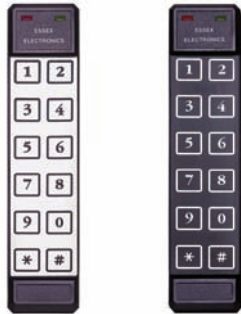
Keypad Output *

26 Bit Wiegand

8 Bit Word

RS - 485

Serial ASCII



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)

Essex Part No.

KTP - 102 - SN

KTP - 162 - SN

KTP - 4852 - SN

KTP - 982 - SN

Keypad Output *

26 Bit Wiegand

8 Bit Word

RS - 485

Serial ASCII

* Custom outputs also available.

Call 1-800-KEYLESS or www.keyless.com

Combination Keypad/Card Readers

PiezoProx® and iSMART™

PiezoProx & iSMART are virtually indestructible, professional grade, dual technology access control readers. Compatible with most OEM panels, PiezoProx combines an Essex Piezoelectric Keypad with HID 125 kHz Proximity. iSMART offers an enhanced level of security by integrating HID iCLASS® 13.56MHz smart card technology.



iSMART Reader with CARD - 2080

- Weatherproof/Waterproof: IP66 Rated, -40° C to +70° C, 100% Relative Humidity
- Card Reader: HID Proximity (PPH), HID iCLASS (ISH).
- Keypad Output: 26 Bit Wiegand (103) or 8 Bit Word (163)
- Keypad Bezel: Stainless Steel (SN) or Black (KN)
- Current Draw

	<u>With LED's</u>	<u>Without LED's</u>
5 Volt	< 50mA	< 30mA
12 Volt	< 80mA	< 35mA
- Mounting: Single gang switchbox or surface mount
- Dimensions: 7 1/4" x 3 5/8" x 1 1/2"

Card Reader Options



Essex Part No.

PPH - 103 - SN

ISH - 103 - SN

FOB - 1346 - 50

FOB - 2050 - 50

CARD - 1326 - 100

CARD - 2080 - 100

Description

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

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

50 ea. HID Prox Keyfobs (125kHz 26 Bit Proximity)

50 ea. HID iCLASS Keyfobs (13.56MHz 37 Bit iCLASS)

100 ea. HID Clamshell Prox Cards II (125kHz 26 Bit Proximity)

100 ea. HID Clamshell iCLASS Smart Cards (13.56MHz 37 Bit iCLASS)



FOB - 1346



CARD - 1326

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)
- 2 Auxiliary Open Collector Outputs (1/4A)
- Keypad Programmable

Essex Part No.

SKE - 6SN

SKE - 6LI

Description

SKE-6, Stainless Overlay

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)
- 2 Auxiliary Open Collector Outputs (1/4A)
- Keypad Programmable

• SKE-34 is CSA Listed for Elevator Access Control

• 3x4 Bezel: Stainless [S] or Black [K]. 2x6 Overlay: Stainless [S] or Black Illuminated [I]

Essex Part No.

SKE - 34S

SKE - 26I

Description

SKE-34, 3x4 Stainless

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 for secure access

Essex Part No.

KE - 265 - 34S

KE - 265 - 5S

KE - 265 - 26TS

Description

KE-265 w/ 12 Pad 3x4 Stainless

KE-265 w/ 5 Pad Stainless

KE-265 w/ Thinline 2x6 Stainless

K1



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

Configure Keypad as OEM Compatible Reader or Keyless Entry System

- 500 User
- 5VDC or 12-24VDC In/Out (Keypad)
- 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

Essex Part No.

K1 - 34S

K1 - 26S

K1 - 34S - ERM3

K1 - 26S - ERM3

Description

K1, 12 Pad 3x4 Stainless

K1, Thinline 2x6 Stainless

K1, 12 Pad 3x4 Stainless + ERM-3

K1, Thinline 2x6 Stainless + ERM-3

NEW

Keyless IP



KPIP-34S shown



Web Browser

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
- Migrates to a host based system
- DHCP or Static IP networks
- 3x4 Bezel: Stainless [S] or Black [K] 2x6 Overlay: Stainless [S] or Black Illuminated [I]
- Built in 802.3af PoE (Power Over Ethernet)
- Keypad, Proximity or Combination Keypad + HID 125 kHz Proximity or 13.56MHz iCLASS
- Browser "Door Dashboard" accesses remote door commands, status, alarms and recent events
- HID Proximity or iCLASS Cards and Keyfobs are available on page 2.

Essex Part No. Description

KIP - 34S Keyless IP, 12 Pad 3x4 Stainless Keypad

KIP - 26S Keyless IP, Thinline 2x6 Stainless Keypad

KIPRX - 1 Keyless IP, RoxProx Narrow Globe, HID Proximity

KIPRX - 2 Keyless IP, RoxProx Single Gang Globe, HID Proximity

KPIP - 34S Keyless IP, 3x4 Stainless Keypad + HID Proximity

KSIP - 34S Keyless IP, 3x4 Stainless Keypad + HID iCLASS



Programmable 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: 12–24VDC*
- One Output: 1SPDT Relay (5A @ 30VDC, 125 VAC)
- Toggle or Adjustable Output Time: 1 to 60 seconds
- Dimensions: Single gang 5½" x 3¾" x 1"
- Current Draw: < 8mA Standby, 100mA max

<u>Essex Part No.</u>	<u>Description</u>
PHSS1 – US	Hand-E-Tap Access Switch, ADA Wheelchair Icon, Stainless Bezel
PHSK2 – US	Hand-E-Tap Access Switch, "Push to Open", Black Bezel

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



PHSS1 – US



PHSK2 – US

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 4½" x 2¾" x 1¼" Narrow 4½" x 1¾" x 1¼"
- Current Draw: <10mA Standby (LED's OFF), 120mA max (Relay ON)

<u>Essex Part No.</u>	<u>Description</u>	<u>Faceplate Graphics</u>
PEBSS0 – US	U.S. Single Gang Switch	No Graphics
PEBSS2 – US	U.S. Single Gang Switch	"PUSH TO EXIT"
PEBSS6 – US	U.S. Single Gang Switch	"PUSH TO OPEN"
PEBSSN0	Narrow Switch	No Graphics
PEBSSN2	Narrow Switch	"PUSH TO EXIT"



PEBSS2 – US



PEBSSN2

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

***Important Note:** Door Access Switches will not operate with <1VDC. Backup power (i.e. UPS) is required for operation during a power interruption.

Accessories

Stainless Steel Spy Proof Housing



For areas with low ambient lighting, the Illuminated Stainless Steel Spy Proof Housing provides cool blue illumination and serves to limit the view of an unwelcome onlooker. Available exclusively for the Essex 12 Pad 3x4 or Hand-E-Tap Door Access Switch.

- Dimensions: 5½" x 3¾" x 1" to 2¼"
- Stainless Steel Construction
- Long Lasting blue LED's

<u>Essex Part No.</u>	<u>Description</u>
SH – 34SI – 5	Illuminated Spy Proof Housing – 5VDC*
SH – 34SI – 12	Illuminated Spy Proof Housing – 12VDC*
SH – 34S	Non Illuminated Spy Proof Housing

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

Stainless Steel Back Box

To solve various height and uneven surface installation challenges, Essex offers the Stainless Steel Back Box. Designed for any Essex 12 Pad 3x4 Keypad, single gang RoxProx, single gang PEB Series, or Hand-E-Tap Switch.

- Dimensions: 5 ⅜" x 3 ⅝" x ½" to 1 ¾"
- Tilts the product 15° for wheelchair height installation
- Stainless Steel Construction
- Conduit knockout for surface mount installation



<u>Essex Part No.</u>	<u>Description</u>
BAK BOX – SGS	Single Gang Stainless Back Box

Authorized Distributor