

Touchless Switches

Hand-E-Wave®

Hand-E-Wave is a premium touchless switch with advanced 24GHz Doppler radar technology. Ideal for use in public areas including healthcare, education, corporate and retail facilities, Hand-E-Wave's no touch activation reduces the spread of viruses, bacteria and infectious diseases.



HEW – 1B



HEW – 2W



HEW – 3S

- Power Requirements: 12-24VAC/DC*
- One DPDT Relay, 2A 30VDC Resistive, ½A 125VAC
- Adjustable Detection Zone: 2 to 24 inches
- Vandal Resistant ⅛" Stainless Steel faceplate
- Easy to Clean and Sanitize
- Visual and selectable On/Off Audio Feedback
- Stainless (S), Black (B) or White (W) finish
- HEWMO adds fail safe to NC contacts and a manual override button with 0.5 to 60 second timer.
- Dimensions Narrow: 4 ½" x 1 ¾" x 1 ¼"
Single 4 ½" x 2 ¾" x 1 ¼"
Double Gang 4 ½" x 4 ½" x 1 ¼"

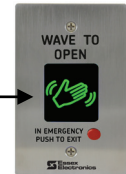
The illuminated hand symbol changes from blue to green, when motion is detected in the detection zone.



Hand-E-Wave



Part No.	Description
HEW – 1S	Narrow/Jamb, Hand-E-Wave, Stainless Faceplate
HEW – 2S	U.S. Single Gang, Hand-E-Wave, Stainless Faceplate
HEW – 3S	U.S. Double Gang, Hand-E-Wave, Stainless Faceplate
HEWMO – 2	U.S. Single Gang, Hand-E-Wave, Stainless Faceplate with Manual Override



Piezoelectric Touch Switches

PEB Series

The PEB Series are industrial grade, illuminated, Piezoelectric Touch switches designed to operate in various high use and vandal prone environments. Utilizing Essex Billion Cycle Switch Technology, the PEB Series features field selectable red or green illumination status.

- 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: Narrow 4 ½" x 1 ¾" x 1 ¼", Single gang 4 ½" x 2 ¾" x 1 ¼"

Part No.	Description	Faceplate Graphics
PEB – 1S	Narrow Piezo Switch	"PUSH TO EXIT"
PEB – 1SO	Narrow Piezo Switch	"PUSH TO OPEN"
PEB – 2S	U.S. Single Gang Piezo Switch	"PUSH TO EXIT"
PEB – 2SEE	U.S. Single Gang Piezo Switch	"EMERGENCY EXIT"
PEB – 2SO	U.S. Single Gang Piezo Switch	"PUSH TO OPEN"



PEB – 1SO



PEB – 2S



PEB Series



Hand-E-Tap®

Hand-E-Tap is an extremely rugged, ADA compliant Piezoelectric Touch switch designed to operate in a variety of high use, vandal prone interior or exterior environments. Easy to use for all users including the physically impaired, Hand-E-Tap can be operated with a light tap on any area of the switch even with a gloved hand, elbow or cane.

- Power Requirements: 12-24VAC/DC*
- One SPDT Relay, 8A 30VDC, 125VAC
- Adjustable Output Time: 1 to 60 seconds
- Stainless (S) or Black (K) Bezel
- Dimensions: 5 ⅞" x 3 ⅜" x 1"

Part No.	Description	Graphics
HET – S – ADA	Hand-E-Tap Switch, Stainless Bezel	ADA Wheelchair Icon
HET – S – PTE	Hand-E-Tap Switch, Stainless Bezel	"PUSH TO EXIT"
HET – S – PTO	Hand-E-Tap Switch, Stainless Bezel	"PUSH TO OPEN"



HET – S – ADA



HET – K – PTO

Hand-E-Tap



Smart Card Readers

iRox™ Series

iRox™ and iRox Pro™ are professional grade, heavy duty RFID smart card readers with Genuine HID Technology™. iRox readers feature epoxy encapsulated electronics in a recessed vandal and ligature resistant design. The new iRoxPro offers support for HID® Mobile Access® solutions including employee badge and Student ID in Apple Wallet. iRox-T is an optimally tuned turnstile reader ideal for compact metal environments.



IRX – 1B



IRXPO – 2S



IRXPTO
(Turnstile)

- iCLASS SE® (13.56MHz) or multiCLASS SE® (13.56MHz and 125KHz)
- Wiegand or OSDP Secure Channel (iRox Pro)
- HID Mobile Access (NFC)
- 1/8" Stainless Steel Faceplate or no faceplate (iRox-T)
- IP 66 Rated, -35° C to +65° C, 100% Relative Humidity
- 12VDC Input Voltage
- Current Draw: 90mA Standby, 300mA max
- Audio and Visual Feedback
- Dimensions: Narrow 4 1/2" x 1 3/4" x 3/4"
Single gang 4 1/2" x 2 3/4" x 3/4"
Turnstile 4 1/8" x 2 1/8" x 1"



iRox Wall Reader



Custom Graphics Available



SEOS

<u>Part No.</u>	<u>Description</u>
IRX – 1B	iRox Narrow Wiegand Wall Reader with iCLASS SE Black Faceplate
IRX – 1S	iRox Narrow Wiegand Wall Reader with iCLASS SE Stainless Faceplate
IRX – 2B	iRox U.S. Single Gang Wiegand Wall Reader with iCLASS SE Black Faceplate
IRX – 2S	iRox U.S. Single Gang Wiegand Wall Reader with iCLASS SE Stainless Faceplate
IRXP – 1B	iRoxPlus Narrow Wiegand Wall Reader with multiCLASS SE Black Faceplate
IRXP – 1S	iRoxPlus Narrow Wiegand Wall Reader with multiCLASS SE Stainless Faceplate
IRXP – 2B	iRoxPlus Single Gang Wiegand Wall Reader with multiCLASS SE Black Faceplate
IRXP – 2S	iRoxPlus Single Gang Wiegand Wall Reader with multiCLASS SE Stainless Faceplate
IRXO – 1B	iRox Pro Narrow OSDP/Wiegand Wall Reader with iCLASS SE Black Faceplate
IRXO – 1S	iRox Pro Narrow OSDP/Wiegand Wall Reader with iCLASS SE Stainless Faceplate
IRXO – 2B	iRox Pro U.S. Single Gang OSDP/Wiegand Wall Reader with iCLASS SE Black Faceplate
IRXO – 2S	iRox Pro U.S. Single Gang OSDP/Wiegand Wall Reader with iCLASS SE Stainless Faceplate
IRXPO – 1B	iRox Pro+ Narrow OSDP/Wiegand Wall Reader with multiCLASS SE Black Faceplate
IRXPO – 1S	iRox Pro+ Narrow OSDP/Wiegand Wall Reader with multiCLASS SE Stainless Faceplate
IRXPO – 2B	iRox Pro+ U.S. Single Gang OSDP/Wiegand Wall Reader with multiCLASS SE Black Faceplate
IRXPO – 2S	iRox Pro+ U.S. Single Gang OSDP/Wiegand Wall Reader with multiCLASS SE Stainless Faceplate
IRXTO	iRox-T Turnstile Reader with iCLASS SE
IRXPTO	iRox-T Turnstile Reader with multiCLASS SE

iRox Turnstile



125kHz Proximity Readers

RoxProx II™ Series

RoxProx II™ is a heavy duty 125 kHz Proximity Access Control reader with Genuine HID Technology™. RoxProx II features stainless steel construction, epoxy encapsulated electronics and a low profile, vandal and ligature resistant design.

- 125kHz Wiegand Proximity Reader with Genuine HID Technology™
- 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"

<u>Part No.</u>	<u>Description</u>
PRX2 – 1B	RoxProx II Narrow Proximity Reader Black Faceplate, Blue Globe
PRX2 – 1S	RoxProx II Narrow Proximity Reader Stainless Faceplate, Blue Globe
PRX2 – 2B	RoxProx II Single Gang Proximity Reader Black Faceplate, Blue Globe
PRX2 – 2S	RoxProx II Single Gang Proximity Reader Stainless Faceplate, Blue Globe



PRX2-1S



PRX2-2B



RoxProx II



OEM Keypads

KTP Series

The KTP Series are virtually indestructible Keypads designed to interface with OEM access control panels or automated control equipment. Built with Essex Piezoelectric Billion Cycle Switch Technology™, the KTP Series can be used in virtually any interior or exterior environment.

Superior Performance • No Moving Parts • All Weather/IP66 Rated • Vandal Resistant Design



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)

Part No.

KTP – 103 – SN

KTP – 163 – SN

KTP – 4853 – SN

Keypad Output

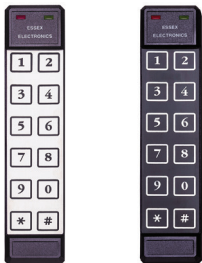
26 Bit Wiegand

8 Bit Word

RS-485



KTP Series



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)

Part No.

KTP – 102 – SN

KTP – 162 – SN

KTP – 4852 – SN

Keypad Output

26 Bit Wiegand

8 Bit Word

RS-485



Combination Keypad/Card Readers

PiezoProx® / iSMART™

PiezoProx is a rugged dual technology access control reader which combines an Essex 3x4 Keypad with 125 kHz HID Proximity. iSMART incorporates 13.56MHz iCLASS SE. PiezoProx and iSMART are designed for harsh or vandal prone environments where a dual method of identification is desired.



- 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"

Part No.

PPH – 103 – SN

ISH – 34 – SN

Description

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

iSMART Reader – HID iCLASS SE with KI Series Multi Format Keypad, Stainless Bezel

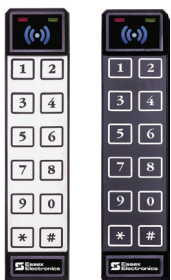


PiezoProx
iSMART



T-Prox™ / T-Smart™

T-Prox and T-Smart are dual technology access control readers which combine an Essex Thinline 2x6 Keypad with Genuine HID Technology. T-Prox includes 125 kHz HID Proximity. T-Smart adds 13.56MHz HID multiCLASS SE. T-Prox and T-Smart are suitable for interior or exterior applications.



- 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: T-Prox 7 1/8" x 1 3/4" x 3/4" T-Smart 7 1/8" x 1 3/4" x 1"

Part No.

TPX – 26S

TPX – 26I

TST – 26S

TST – 26I

Description

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

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

T-Smart Reader – Thinline 2x6 Keypad w/HID multiCLASS SE, Stainless Overlay

T-Smart Reader – Thinline 2x6 Keypad w/HID multiCLASS SE, Black Illuminated Overlay



T-Prox/T-Smart



T-Smart: Available in Q2

Access Control Systems

- All Weather Keypad
- Request to Exit Input
- Keypad Programmable
- Piezoelectric Switch Technology
- Latching Output
- Anti-Tailgating
- Programmable Output Time
- Tamper Alarm
- 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)
- 2 Auxiliary Open Collector Outputs (¼A)
- 3x4 Bezel: Stainless (S) or Black (K).
- 2x6 Overlay: Stainless (S) or Black Illuminated (I)

<u>Part No.</u>	<u>Description</u>
SKE – 34S	SKE-34, 3x4 Keypad Stainless
SKE – 34K	SKE-34, 3x4 Keypad Black
SKE – 26S	SKE-26, 2x6 Keypad Stainless
SKE – 26I	SKE-26, 2x6 Keypad Black
SKE – 34SE	SKE-34, 3x4 Keypad Stainless for Elevators The SKE-34SE is CSA Listed for Elevator Access Control (CSA B44.1/ASME I7.5)



SKE Series



SKE Elevator



K1 Series

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 D.C. Outputs
- 3x4 Bezel: Stainless (S) or Black (K)
- 2x6 Overlay: Stainless (S) or Black Illuminated (I)

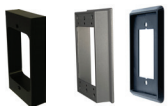
<u>Part No.</u>	<u>Description</u>
K1 – 34S	K1, 12 Pad 3x4 Stainless
K1 – 34K	K1, 12 Pad 3x4 Black
K1 – 26S	K1, Thinline 2x6 Stainless
K1 – 26I	K1, Thinline 2x6 Black

K1 Series



Accessories

Spacer Rings, Extension Back Box and Ligature Bezel



The Surface Mount Spacer Ring and Extension Back Box are designed to simplify product installation.

- Spacer ring: Black plastic or powder coat aluminum
- Extension Back Box: Grey powder coat aluminum
- Ligature Resistant Bezel: For behavioral healthcare

<u>Part No.</u>	<u>Description</u>
SP – 1	Black Plastic Spacer Ring for narrow readers & switches
SR – 1	Black Aluminum Spacer Ring for narrow readers & switches
BAK BOX – SGE	Grey Extension Back Box for single gang readers and switches
LRB – 2	Ligature Resistant Bezel for single gang readers and switches

Stainless Spy Proof Housing



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

- 5 or 12VDC Field Selectable
- Long Lasting LED's

<u>Part No.</u>	<u>Description</u>
SH – 34S	Non Illuminated Spy Proof Housing for 3x4 Keypads
SH – 34SI – 12	Illuminated Spy Proof Housing for 3x4 Keypads
SH – 34WK	Illuminated, Wide Black Spy Proof Housing for iSMART SE™ and Piezoprox®

Stainless Back Box



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

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

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

