

# REMARKABLE

## DUAL TECHNOLOGY ACCESS CONTROL



### K-PROX & K-SMART

- 500 Users (Pin and/or Card)
- 3 Programmable Outputs
- HID Proximity or iCLASS®
- Keypad and/or PC Programmable\*
- Virtually Indestructible Controllers
- Weatherproof (-40° C to +70° C)
- Waterproof (100% Relative Humidity)
- New Laser Marked Keypad Graphics

K-Prox and K-Smart are professional grade, dual technology, stand alone access controllers. Unaffected by virtually any environment (heat, rain, snow and ice – up to 3/8"), K-Prox combines an Essex Piezoelectric 12 Pad 3x4 Keypad with HID 125kHz Proximity. K-Smart offers an enhanced level of security by integrating HID iCLASS 13.56MHz smart card technology.



**XE** ESSEX  
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1-800-KEYLESS    keyless.com

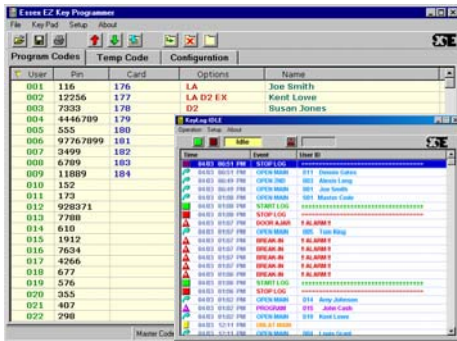


\*EZKey PC software included with optional Encoded Relay Module

# K – PROX & K – SMART DUAL TECHNOLOGY ACCESS CONTROL

## Features

- **502 Users**
  - 1 Master Code (3 to 8 digits)
  - 500 User Codes (Pin and/or Card)
  - 1 Temporary Code (automatically expires in 1 to 100 hours)
- **3 Programmable Open Collector Outputs**
  - 1 Main Output – External Relay Unlock or Encoded Relay Unlock (requires Encoded Relay Module)
  - 2 Auxiliary Outputs – CCTV, Internal Alarm, 2<sup>nd</sup>/3<sup>rd</sup> Door. Encoded Relay Module or External Relays may be required
- **Programmable Output Time**
  - 1 to 99 seconds
- **Tamper Alarm**
  - Multiple incorrect entries trigger Tamper Alarm and lock out system for 30 seconds
- **Remote Bypass (REX)**
  - Remotely activate Main Output for Programmed Output Time
- **Anti-Tailgating**
  - Helps prevent unauthorized access
- **Manual or Timed Latching**
  - Latch any of the 3 outputs
- **Multiple Security Levels**
  - Control user access by requiring one or two methods of identification. An external time clock or manual key switch can lock out selected Users.
- **Easily Programmable at the Keypad or PC**
  - Add, Modify or Delete Users from the Keypad or use EZKey PC Programming software included with optional Encoded Relay Module (ERM3). The ERM3 has a serial interface to connect to the PC. (Serial cable required)



Easily Add, Modify or Delete Users on your PC then upload to the Controller

Log Audit Trail Transactions while ERM3 is connected to a PC

- **Vandal Resistant Design**
  - Fully encapsulated keypad and card reader provide superior performance in any environment
- **Limited Lifetime Warranty**
  - Lifetime Warranty against defects in materials and workmanship

XYLEX® is a registered trademark of General Electric Company

## Specifications

- **Power Requirements**
  - K-Prox/K-Smart Controller: 12 to 24VDC
  - Controller w/ Encoded Relay Module (ERM3): 12 to 24VAC/DC
- **Outputs**
  - K-Prox/K-Smart Controller: 3 Open Collector, ¼A Max to ground
  - Controller w/ERM3: 3 SPDT Relays rated 6A at 120VAC
- **Current Draw**
  - K-Prox/K-Smart Controller: 120mA Standby
  - Controller w/ ERM3: 220mA Max (All 3 Relays ON)
- **Transmit Frequency**
  - K-Prox: 125kHz
  - K-Smart: 13.56MHz
- **Keypad Switch Life**
  - > 1 Billion Cycles
- **Dimensions**

	Height	Width	Depth
K-Prox/K-Smart	7 ¼" (18.4 cm)	3 ⅝" (9.2 cm)	1 ½" (3.8 cm)
ERM3	5 ½" (14 cm)	7 ½" (19 cm)	2 ½" (6.4 cm)
- **Material**
  - Keypad Bezel: 316L Stainless Steel
  - Keypad: 304 Stainless Steel
  - Card Reader Housing: XYLEX®
- **Operating Environment**
  - K-Prox/K-Smart Controller: - 40° C to +70° C (- 40° F to +160° F)
  - 100% Relative Humidity
  - ERM3: - 40° C to +49° C (- 40° F to +120° F)



## ORDERING GUIDE

### A – Choose SERIES

- KPX • K-Prox
- KIS • K-Smart

### B – Choose MATRIX

- 34 • 12 Pad 3x4

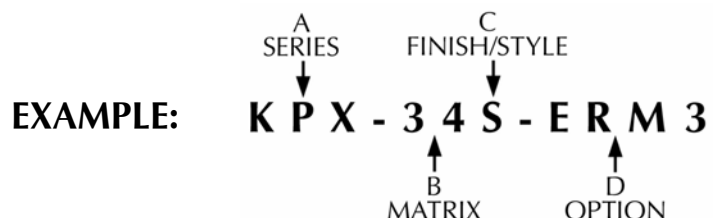
### C – Choose FINISH/STYLE

- S • Stainless Bezel (shown)
- K • Black Bezel
- B • Brass Finish\* Bezel

\* Note: Bezel is Brass in appearance. Actual Bezel is Stainless Steel with long lasting PVD coating

### D – Choose RELAY MODULE (Optional)

- ERM3 • Encoded Relay Module (includes 15' Wiring Cable and EZKey PC Programming Software)



LKPROX/KSMART.0706.R3  
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