ADAPTABLE
ALL-IN-ONE READER / ACCESS CONTROLLER

Field Selectable Keypad Configuration
• 26 Bit Wiegand Reader
• 8 Bit Word Reader
• BCD Reader
• ABA Track II Reader
• Serial ASCII Reader
• Stand Alone Access Controller

Professional Grade Piezoelectric Keypads
• Billion Cycle Switch Technology™
• Vandal Resistant (No Moving Parts)
• Weatherproof (-40° C to +70° C)
• Waterproof (100% Relative Humidity)
• Limited Lifetime Warranty
• New Laser Marked Keypad Graphics

K1 SERIES

ADAPTABLE
ALL-IN-ONE READER / ACCESS CONTROLLER
Features

- **Field Selectable Keypad Configuration**
  - 26 Bit Wiegand Reader (Programmable site code)
  - 8 Bit Word Reader
  - BCD Reader
  - ABA Track II Reader
  - Serial ASCII Reader (Selectable Baud Rate/Parity)
  - Stand Alone Access Controller

- **Vandal Resistant Design**
  - Fully encapsulated Keypad with no moving parts

- **Limited Lifetime Warranty**
  - Lifetime Warranty against defects in materials and workmanship

Access Control Features

- **502 Users**
  - 1 Master Code, 500 User Codes, 1 Temporary Code

- **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, 2nd/3rd 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

- **Time Zone/Restricted Access Input**
  - An external time clock or manual key switch can lock out selected Users

Specifications

- **Power Requirements**
  - K1 Series Keypad: Field Selectable 5VDC or 12 to 24VDC
  - K1 w/ Encoded Relay Module (ERM3): 12 to 24VAC/DC

- **Outputs**
  - K1 Series Keypad: 3 Open Collector, ¼A Max to ground
  - K1 w/ERM3: 3 SPDT Relays rated 6A at 120VAC

- **Current Draw**
  - K1 Series 12 Pad 3x4: <35mA
  - K1 Series Thinline 2x6 Illuminated: <70mA
  - Non-Illuminated: <35mA
  - K1 Series w/ERM3: 160mA Max (All 3 Relays ON)

- **Keypad Switch Life**
  - > 1 Billion Cycles

- **Dimensions**
  - Height 12 Pad 3x4: 5¼” (13 cm)
  - 7¼” (18.1 cm)
  - Thinline 2x6: 3⅜” (8.6 cm)
  - 1 ¾” (4.4 cm)
  - ERM3: 5½” (14 cm)
  - 7½” (19 cm)

- **Operating Environment**
  - K1 Series Keypad: – 40º C to +70º C (~ 40º F to +160º F)
  - 100% Relative Humidity
  - ERM3: – 40º C to +49º C (~ 40º F to +120º F)

ORDERING GUIDE

A – Choose SERIES
- K1 • K1 Series

B – Choose MATRIX
- 26 • Thinline 2x6
- 34 • 12 Pad 3x4

C – Choose FINISH/STYLE
- 12 Pad 3x4
- Thinline 2x6
- S • Stainless Bezel
- K • Black Bezel
- B • Brass Finish* Bezel
- S • Stainless Overlay
- I • Black Illuminated Overlay
- B • Brass Overlay
- R • Braille Overlay

D – Choose RELAY MODULE (Optional)
- ERM3 • Encoded Relay Module (includes 15’ Wiring Cable)

EXAMPLE:

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K1 - 3 4 S - E R M 3
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* Note: Bezel is Brass in appearance. Actual Bezel is Stainless Steel with long lasting PVD coating.

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