Heavy Duty Keypad Reader

Professional Grade Keypad Reader for Access Control and Industrial Process Control Applications

KTP 12 Pad Series

• Heavy Duty, Piezoelectric Keypad
• Industry Standard Outputs Available
• Billion Cycle Switch Technology™
• No Moving Parts to wear out
• Waterproof [-40°C to +70°C]
• Water proof (100% Relative Humidity)
• 5 or 12VDC Input
• Vandal Resistant Design
• Single Gang or Mullion Mount Version
• Laser Marked Keypad Graphics
• Customize by adding Corporate Logo
• Limited Lifetime Warranty

KTP 12 Pad 3x4 with Stainless Steel Bezel shown

For over a decade, the KTP Series 12 Pad 3x4 and Thin line 2x6 have become the choice of security professionals worldwide. They are virtually indestructible Keypad readers designed to interface with various Access Control panels and Industrial Process Control equipment. Solid state, Piezoelectric Switch Technology ensures superior performance in even the most extreme environment.

Industry Standard Outputs including: 26 Bit Wiegand • 8 Bit Word • Corporate 1000 • ABA Track II Serial ASCII • RS-485 • X-Y Matrix

Essex Electronics is proud to be a U.S. Corporation
Whether installed in extreme climate conditions or inside an office building, Essex Keypads are unsurpassed in their ability to tolerate virtually any environment. Utilizing Essex proprietary Billion Cycle Switch Technology™, the KTP Series 12 Pad 3x4 and Thinline 2x6 outperform other keypads in indoor, outdoor, harsh and high use applications.

### 12 Pad 3x4
- **Keypad Switch Life Cycle**: > 1 Billion Cycles
- **Operating Environment**
  - 100% Relative Humidity
  - -40° F to + 160° F
  - [-40°C to + 70°C]
- **Dimensions**
  - H: 5 ¼” x W: 3 ¾” x D: 7/16”
  - [13 x 8.6 x 1.1 cm]
- **Input Voltage**
  - 5 or 12V Field Selectable (Except X-Y and 2 of 7 outputs)
- **Standby Current Draw**
  - < 20mA
- **Mounting**
  - Single Gang Switchbox, Surface Mount
- **Weight**
  - 16 oz. (454 gm)

### Thinline 2x6
- **Keypad Switch Life Cycle**: > 1 Billion Cycles
- **Operating Environment**
  - 100% Relative Humidity
  - -40° F to + 160° F
  - [-40°C to + 70°C]
- **Dimensions**
  - H: 7 ¼” x W: 1 ¾” x D: ¾”
  - [18.1 x 4.4 x 1.9 cm]
- **Input Voltage**
  - 5 or 12V Field Selectable (Except X-Y and 2 of 7 outputs)
- **Standby Current Draw**
  - Non Illuminated < 20mA
  - Illuminated < 60mA
- **Mounting**
  - Mullion Mount, Surface Mount
- **Weight**
  - 4.4 oz. (125 gm)

### Certifications
- UL Listed: Access Control Unit Accessory – 43J0
- CE Compliance: EN-55022:1994, Class B EN-50082-1:1992

This part complies with Part 15 of the FCC rules and regulations.

(*Except X-Y, 2 of 7 RS-485 and Corporate 1000)

**ORDERING GUIDE**

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<td>2 Thinline 2x6</td>
<td>(X-Y or 2 of 7 only)</td>
<td>12 Pad 3x4</td>
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<tr>
<td>16 8 Bit Word</td>
<td>3 12 Pad 3x4</td>
<td>5 5 Volt</td>
<td>SN Stainless Steel Bezel</td>
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<tr>
<td>17 ABA Track II</td>
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<tr>
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<td>KN Black Bezel</td>
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<td>32 X-Y Row &amp; Column</td>
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<td>BN Brass Finished Bezel</td>
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<tr>
<td>40 2 of 7</td>
<td></td>
<td></td>
<td>Note: Bezel is Brass in appearance. Actual Bezel is Stainless Steel with long lasting PVD coating.</td>
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<tr>
<td>485 RS-485</td>
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<td>Custom Outputs available</td>
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<tr>
<td>26 Bit Wiegand: Field Programmable Site Code (000-255)</td>
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<td>Serial ASCII: Field Selectable Baud Rate [up to 19.2kps] Parity Option [None, Odd or Even]</td>
<td></td>
<td></td>
<td>RS-485 Field Selectable Baud Rate [up to 115.2kps] Parity Option, Polling or Event Mode</td>
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**EXAMPLES:**

- **A. OUTPUT**
  - KTP – 10 3 – SN
  - B. MATRIX
  - KTP – 32 3 12 – SN
  - C. VOLTAGE
  - D. FINISH/STYLE

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