

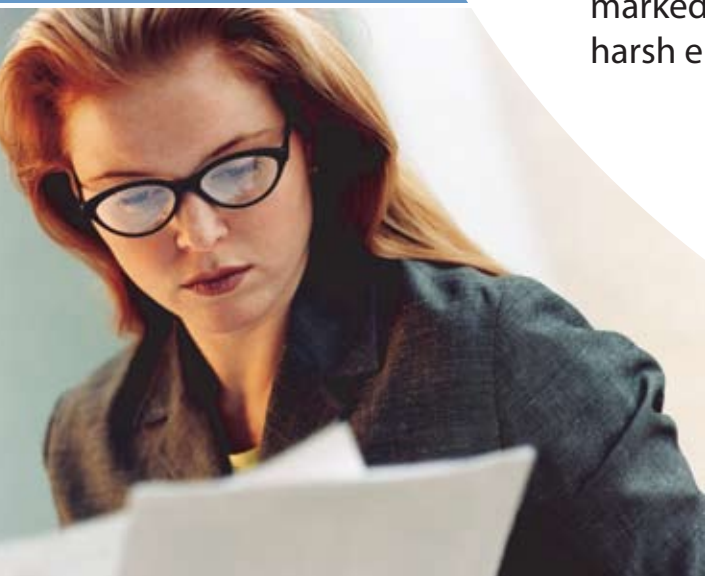


Essex KTP Outdoor Reader

The superior keypad for installation in extreme climate conditions



Whether installed in extreme climate conditions or inside a building, Essex KTP 12-Pad 3x4 keypad reader is unsurpassed in its ability to tolerate virtually any environment. The KTP keypad reader outperforms other keypads (membrane, conductive rubber, mechanical and other piezoelectric keypads) in outdoor, harsh and high use applications. The unit features new laser marked keypad graphics that withstand wear from high use and harsh environments.



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Essex KTP Outdoor Reader

The choice of security professionals worldwide.

From banks to airports to government facilities, the KTP Series keypad reader has been specified for a variety of access control (and equipment control) applications. Installation sites include the Pentagon, the White House, the Chunnel, the Hong Kong International Airport and on commercial aircraft fleets around the world.

Features

- Piezoelectric keypad readers
- Billion Cycle Switch Technology™
- No moving parts
- Weatherproof (-40°F to 160°F)
- Waterproof (100% relative humidity)
- Vandal resistant design
- solid state construction

Certifications

- UL Listed Access Control Unit Accessory - 43J0
- CE Compliance: EN-55022:1994
- Class B EN-50082-1:1992
- Complies with Part 15 of the FCC rules and regulations

Industry Standard Outputs

- Specifically designed to interface with most access control systems (or custom control systems), the KTP Series 12 Pad 3x4 is available with the following Industry Standard Outputs:
- 26 Bit Wiegand
 - 8 Bit Word
 - Serial ASCII
 - X-Y Row & Column
 - ABA Track II
 - Infrared/Barcode
 - BCD
 - 2 of 7
 - Custom Outputs also available

Physical Characteristics

- Dimensions:** H: 13 x W: 8.6 x D: 1.1 cm
Weight: 454 gr. (16 oz.)
Operating environment: -40°F to 160°F
Relative humidity: 100%
Input voltage: 5 or 12 VDC input
Keypad switch life cycle:
 - 1 Billion cycles

What is Essex Billion Cycle Switch Technology™?

Traditional switches can fail after 5 million cycles. Essex piezoelectric switching elements have been tested over 1 Billion cycles without failure at a rate of 1 Million cycles per day (11 times per second, 24 hours a day), 7 days a week, 365 days a year, for over 3 years. If an Essex switching element were pressed once every second, it would still function normally more than thirty years later.

Piezoelectric switches generate a charge or voltage simply by applying force to it, and do not require an actual physical movement. The piezoelectric (pressure electricity) effect is a property of materials like quartz, Rochelle salt and manufactured ceramics such as Lead Zirconate Titanates (PZT).

Essex Piezoelectric Switches....There's nothing else like them.



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