

U.are.U® Fingerprint Keyboard

USB Fingerprint Keyboard



PRODUCT DESCRIPTION

The U.are.U Fingerprint Keyboard is a Windows®-compatible 104-key keyboard with a built-in U.are.U Fingerprint Reader. The keyboard is ideal for networked office environments and e-commerce applications where the convenience and security of fingerprint authentication is desired.

The integrated U.are.U Reader uses optical technology to achieve excellent image quality, a large capture area and superior reliability. Even the hardest-to-read fingerprints are captured accurately and quickly, regardless of placement angle. The user simply places their finger on the glowing reader window, and the reader quickly and automatically scans the fingerprint. On-board electronics calibrate the reader and encrypt the scanned data before sending it over the USB interface. Since the finger touches a plastic surface, the danger of damage by electrostatic discharge is eliminated.

The U.are.U Fingerprint Keyboard works with Crossmatch™ enterprise and developer software products. This ergonomic keyboard with built-in fingerprint reader is a cost-effective option for desktop users that eliminates having to attach two USB devices; keyboard and fingerprint reader.

APPLICATIONS

- Desktop PCs
- Point-of-sale terminals

KEYBOARD LANGUAGE

- English (North American)
- Custom language keyboards are available with minimum order quantities

U.ARE.U FINGERPRINT READER FEATURES

- Optical imaging technology
- Excellent image quality
- Superior ESD resistance
- Encrypted fingerprint data
- Latent print rejection
- Counterfeit finger rejection
- Rotation invariant
- Rugged
- Works well with dry, moist or rough fingerprints
- Fast data transmission
- Plug-and-Play USB interface

ABOUT CROSSMATCH

Crossmatch helps organizations solve their identity management challenges through biometrics. We empower governments, law enforcement agencies, banks, retailers and other enterprises to mitigate risk, drive productivity and improve service levels. Our solutions are built on consultative expertise, refined best practices and the application of advanced biometrics technologies. Crossmatch understands the forces of change in the markets we serve and we develop solutions that anticipate customer requirements. Our network of consultative and technical service experts collaborate with customers in more than 80 countries worldwide.

Learn more at www.crossmatch.com.

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SYSTEM REQUIREMENTS

| | |
|-------------------|--|
| Main Processor | Intel Atom® N2600 Dual Core – 1.6 GHz |
| Port | One USB 1.1 or higher compatible port |
| Operating Systems | Windows® 7, Vista, XP Professional, 2000 and Windows Server® 2000, 2003 and 2008 |
| System Processor | Pentium® or higher |

KEYBOARD DIMENSIONS

| | |
|--------------|-------------------------|
| Dimensions | 498 mm x 257 mm x 65 mm |
| Cable Length | 6.5 foot |
| Weight | 1 Kg |

ENVIRONMENTAL RATINGS

| | |
|--------------------|--|
| Temperature | 0 - 40 C (operating), -10 - 60 C (storage) |
| Humidity | 20% - 80% non-condensing (operating), 20% - 90% non-condensing (storage) |
| ESD Susceptibility | > 8KV |

FINGERPRINT KEYBOARD SPECIFICATIONS

| | |
|---------------------------------------|---|
| Power Requirements | 5V ±0.25V (supplied by USB interface), 300 mA (maximum) |
| USB Specifications | Full Speed USB Device, Must be plugged into PC's USB port or into a self-powered USB hub (a self-powered hub that includes an external adapter) |
| Fingerprint Reader Pixel Resolution | 512 dpi (average x and y over image area) |
| Fingerprint Reader Image Capture Area | 14.6 mm (horizontal) x 18.2 mm (vertical) |

COMPLIANCE CERTIFICATIONS

| | | |
|------------|-------------------|---|
| Regulatory | FCC CE RoHS | Part 15, Class B EN50082-1, EN50081-2, EN55022, Class B, ESD: IEC1000-4-2 Level 2 |
| Windows | WHQL | 2000, Server 2003 and 2008, XP Professional, Vista (International) |
| Device | USB 2.0 | |

Data subject to change without notice

KEY SPECIFICATIONS

- 104 keys
- 11 hotkeys (5 programmable)
- Compatible with Windows 7, Vista, XP Professional, 2000 and Windows Server 2000, 2003 and 2008

Corporate Headquarters:

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