



U.are.U[®] Fingerprint Keypad



Keypad Features

- 17 keys
- USB interface

U.are.U Fingerprint Sensor Features

- Optical imaging technology
- Superior image quality
- Works well with dry, moist, or rough fingerprints
- Automatically erases latent fingerprints
- 360 degree rotation invariant
- Large imaging area
- Self-calibrating
- Encrypted image data
- Challenge-response data link to prevent playback attacks
- Rugged and reliable
- ESD resistant
- Very fast data transmission

The U.are.U Fingerprint Keypad is a Windows-compatible keypad with a built-in U.are.U Fingerprint Sensor. This keypad is ideal for adding the security of fingerprint authentication to PIN-based verification solutions.

The integrated fingerprint sensor uses optical imaging technology to achieve better image quality, a larger capture area, and superior reliability. Even the hardest-to-read fingerprints are captured accurately and quickly, regardless of placement angle. The Sensor is self-calibrating and encrypts the image data for highest privacy. Because the finger touches a plastic surface, the danger of damage by electrostatic discharge is eliminated.

The U.are.U Fingerprint Keypad is available with DigitalPersona's U.are.U Integrator Platinum or U.are.U Integrator Gold software packages. These award-winning packages target markets such as membership, time & attendance and ATM applications. The U.are.U Fingerprint Keypad packages are fully compatible with Windows XP, Me, 2000, NT4.0 and 98.

System Requirements: <ul style="list-style-type: none"> • One USB • Operating System: Windows 95 (OSR2.1), 98, NT4.0, 2000, ME, XP • Pentium or higher 	Keypad Dimensions: <ul style="list-style-type: none"> • 187 mm x 107 mm x 37 mm • 1.4 m cable length • .2 Kg total weight
Applications: <ul style="list-style-type: none"> • Desktop PCs • Point-Of-Sale (POS) terminals 	Keyswitch Specifications: <ul style="list-style-type: none"> • Rubber dome membrane type

Environmental Ratings

Temperature	<ul style="list-style-type: none"> • 10 to 35 C (operating) • -10 to 60 C (storage)
Humidity	<ul style="list-style-type: none"> • 20% - 80% @ 26 C non-condensing (operating) • 20% - 90% @ 65 C non-condensing (storage)
ESD Susceptibility	<ul style="list-style-type: none"> • >8KV

Fingerprint Sensor Specifications

Power Requirements	<ul style="list-style-type: none"> • 5V +/- .25V (supplied by USB interface) • 100mA (max)
USB Specifications	<ul style="list-style-type: none"> • USB 1.1 compliant: Full-speed, low power, bus-powered
Recognition Accuracy	<ul style="list-style-type: none"> • .01% False Accept Rate • 2.5% False Reject Rate (using U.are.U recognition software)
Pixel Resolution	<ul style="list-style-type: none"> • 408 dpi (avg. x and y over image area)
Image Capture Area	<ul style="list-style-type: none"> • 12.7 mm (horizontal center width) x 18.0 mm (vertical)

Standards Compliance

Safety	<ul style="list-style-type: none"> • CSA C22.2 • DIN EN60950 • IEC950 • TUV-GS 	No. 950-M1989 European Standard Second Edition ZH1/618
Emissions/Susceptibility	<ul style="list-style-type: none"> • FCC • CISPR-22 • IEC 1000-4-2 • VCCI • CE 	Part 15, Class B Class B Level 2 V3 & V4, Class B EN50082-1, EN50081-2, EN55022, Class B, ESD: IEC1000-4-2 Level 2 EN55022/CISPR22/AS/NZS3548
Ergonomics	<ul style="list-style-type: none"> • C-Tick • ISO 9241-4 	