



U.are.U[®] Fingerprint Keyboard



Keyboard Features

- * 104 keys
- * 6 hotkeys (3 internet, 3 programmable)
- * PS/2 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
- * Plug-and-Play USB interface

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

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 Keyboard comes bundled with DigitalPersona's U.are.U Pro Workstation fingerprint security system or U.are.U Integrator Platinum. These award-winning software packages allow secure fingerprint logon to the local PC, a network server, or online services. The fingerprint keyboard and software packages are fully compatible with Windows XP, Me, 2000, NT.40 and 98.

The keyboard's Y cable is terminated with two connectors: a PS/2 interface for the keyboard function and a USB interface for the fingerprint sensor.

System Requirements: <ul style="list-style-type: none"> * Ports: one PS/2 <i>and</i> one USB * Operating System: Windows 95 (OSR2.1), 98, NT4.0, 2000, ME, XP * Pentium or higher Applications: <ul style="list-style-type: none"> * Desktop PCs * Point-Of-Sale (POS) terminals 	Keyboard Dimensions: <ul style="list-style-type: none"> * 476 mm x 192 mm x 40 mm * 6 foot cable length * 1.2 Kg total weight Keyswitch Specifications: <ul style="list-style-type: none"> * Rubber dome membrane type * 55 grams peak force * 3.7 mm to 4 mm total travel
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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	* >8KV

Fingerprint Sensor Specifications

Power Requirements	<ul style="list-style-type: none"> * 5V +/- .25V (supplied by USB interface) * 100mA (max)
USB Specifications	* 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	* 440 dpi (avg. x and y over image area)
Image Capture Area	<ul style="list-style-type: none"> * 12.0 mm (horizontal center width) x 17.0 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 	



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