

U.are.U[®]

Fingerprint Recognition Technology

What's in it for you?

- **Enhance your solution with state-of-the-art biometric authentication**
- **Security and convenience all in one package**
- **Sensor available as stand-alone, module or in a keyboard**
- **Award-winning, U.are.U Fingerprint Recognition Technology**



DigitalPersona's U.are.U Fingerprint Recognition Technology offers a convenient way to identify people in a variety of application areas. Passwords and smart cards can be lost, forgotten, stolen or shared. Fingerprint authentication is a more reliable level of security, providing verification based on *who you are* - your fingerprint.

Our Sensor has an unmatched ability to quickly capture even the hardest to read fingerprints, and accurately reads fingerprints placed at any angle, even upside down. The Sensor is self-calibrating and encrypts the image data for highest privacy, before sending it to the host computer.

Independent tests have proven the U.are.U Fingerprint Recognition Performance to be second to none. Fingerprints contain a tremendous amount of data – enough to recognize the identity of each of us with an extremely high degree of certainty. The U.are.U Recognition Engine has been optimized for real-world applications. This means that it can be used by a wide variety of people under various environmental conditions.

Uses

U.are.U Recognition Systems are used in a variety of environments including: restaurants, retail sales, hospitals and physicians' offices, financial institutions, schools and daycare and for physical access control, membership programs, POS, POD, e-commerce and all types of Time & Attendance applications – replacing outdated timecards.

Independent developers and system integrators are capitalizing on biometric technology to enhance existing product offerings and start new businesses. Adding

fingerprint authentication with U.are.U to your custom applications and network solutions, will differentiate your product from the competition and demonstrate to your customers strong technical leadership.

About DigitalPersona

DigitalPersona is the leading provider of fingerprint recognition solutions. Our U.are.U products lead the computing industry with the most awards and accolades. Established in 1996, DigitalPersona has developed next generation fingerprint recognition hardware and software technology for market-ready solutions. These state-of-the-art solutions add up to the best security available for protecting sensitive and confidential information.

Key Features

- Quick and accurate authentication with the touch of a finger.
- Reads dry, moist or rough fingerprints well.
- Rotation invariance makes it easy to use.
- Fingerprint image is never stored.
- 128-bit encrypted transmission.
- Compact size.
- Plug-n-play USB device.



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U.are.U Integrator Gold Packages:

(For DLL-based applications developed with U.are.U SDK Gold)



Sensor Package, Part #82011-001

- U.are.U 2000 Fingerprint Sensor
- Extension cable, 1.2 meter length (optional)
- U.are.U Integrator Gold Software



Module Package, Part #82021-001

- U.are.U 2000 Fingerprint Module
- U.are.U Integrator Gold Software

U.are.U Integrator Platinum Packages:

(For COM-based applications developed with U.are.U SDK Platinum)



Sensor Package, Part #82111-001

- U.are.U 2000 Fingerprint Sensor
- Extension cable, 1.2 meter length (optional)
- U.are.U Integrator Platinum Software



Module Package, Part #82121-001

- U.are.U 2000 Fingerprint Module
- U.are.U Integrator Platinum Software



Keyboard Package, Part #82130-001

- U.are.U Fingerprint Keyboard
- U.are.U Integrator Platinum Software

U.are.U Sensor Specifications

- Pixel resolution: 440 dpi (avg. x and y over image area)
- Size 54mm(w) x 65mm(l) x 27mm(h) (maximum)
- Image capture area \approx 12mm x 17mm
- \leq 0.01% False Accept Rate for 1.4% False Reject Rate (using U.are.U Recognition Engine)
- USB Interface
- Pentium-class processor
- Compatible with Windows 2000, NT 4.0, Me, 98, and 95 OSR 2.1 (USB)

Environments for Use

- Time & Attendance
- E-commerce
- Membership Program
- Physical access control
- Point-of-Sale (POS) terminals
- Point-of-Distribution (POD)
- Schools & Daycare
- Finance & Banking
- Healthcare

Features

- High quality image
- Single, optimum image transmitted
- Rotation invariant
- Self-calibrating
- Challenge-response link to prevent play-back attacks
- Encrypted image data
- Cancels latent fingerprints
- Works well with dry, moist, or rough fingerprints
- Proprietary optics (patent pending)
- Small footprint
- ESD resistant
- Low cost, compact design
- No external interface cord or power supply required
- High speed USB interface
- Plug-and-Play

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