

BIOMETRIC FINGERPRINT SENSOR



BIOMETRIC FINGERPRINT KEYBOARD



GENERAL PRESENTATION

Allows for the maximum security without a password

The **Biometric fingerprint keyboard** is a Window-compatible keyboard with a built-in fingerprint sensor. This keyboard is ideal for networked office environments and e-commerce applications where the convenience and security of fingerprint authentication is required.

Fingerprint authentication technology

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.

Sophisticated protection of network resources

The Biometric fingerprint keyboard provides a unique flexibility to manage Window-network resource protection, since it enables to realise restrictions a traditional Windows network does not allow for. The Biometric fingerprint keyboard offers exclusive features like the capability to grant selective access to the users of a same domain and the protection of a network or client server in comparison with a computer with traditional access.

TECHNICAL SPECIFICATIONS

General:

- Dimensions: 475 mm (Width) x 50 mm (Height) x 190 mm (Length).
- Sensor dimensions: 20 mm x 24 mm.
- Image resolution: 500 dpi.
- Finger positioning tolerance: $\pm 45^\circ$ rotation and ± 5 mm.
- Hardware interface: USB (through keyboard USB connection).
- Power consumption: max. 1300 mA a 5 V from the USB port.

System requirements:

- Pentium 200 MHz or other compatible.
- Windows 2000 or Windows XP.
- 64 MB RAM.
- USB port.

Performance:

- Register time: < 5 seconds/finger.
- Usual authentication time: < 1 second.
- False Accept Rate (FAR): < 1:1 000 000.
- False Reject Rate (FRR): < 1:100 (accustomed users)

Versions:

- English-version keyboard (USA).
- French-version keyboard
- German-version keyboard.

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