

SONY®



The Intelligent Touch
to IT Security



FIU-600
Fingerprint
Identification Unit

FIU-600

FIU-600 Fingerprint Identification Unit



Add an intelligent touch to IT security with Sony's innovative, new fingerprint imaging technology. With the FIU-600 Fingerprint Identification Unit, your fingerprint is your password.

Imagine a sentry for your IT system that makes passwords virtually obsolete. Sony's innovative, new FIU-600 Fingerprint Identification Unit replaces a password with something so unique it can't be duplicated, lost, or forgotten – a fingerprint. Lightweight and small in size, the FIU-600 unit offers the ultimate in convenience with a new level of safekeeping. This ID unit is equipped with the intelligence to recognize and store your fingerprints on-board the device, for the utmost security and privacy.

At the same time, the flexible FIU-600 product can also securely export fingerprint templates and high-quality 8-bit fingerprint images, which can be used in market-leading third party matching algorithms. With this capability, the FIU-600 unit can support off-board and central database-type matching: users are not tied to a single PC or fingerprint device. This feature makes the Sony biometric product perfectly suited to support enterprises and complex applications such as homeland security and health care/HIPAA.

The FIU-600 device offers robust fingerprint imaging technology based on a technique known as capacitance, which digitally reads the fingerprint without leaving ink residue on your finger. Capacitance sensors cannot be fooled by paper copies and do not require cleaning.

The FIU-600 unit is ideal for organizations that are planning a single sign-on solution not utilizing a PKI infrastructure. This product will initially be compatible with authentication software available from Bioconx, Inc. (www.bioconx.com) and I/O Software (www.iosoftware.com). The availability of other vendors' compatible software packages will be announced at www.sony.com/puppy.

Providing security, privacy, and convenience at an affordable price, the FIU-600 unit adds the intelligent touch to your security software solutions.

MAIN FEATURES

- Lightweight and small in size
- Convenient and easy to use
- Compatible with all USB-equipped Windows® PCs (WHQL for Windows 2000 and Windows XP Software)
- Eliminates need for passwords through fingerprint authentication
- Provides secure, private access to fingerprint data
- 1000 fingerprint storage capacity
- Offers flexibility for many applications
- Optional software development kit (SDK) is available

For more information, call 1-866-530-2963
e-mail us at fiuinfo@am.sony.com
or visit our website at www.sony.com/puppy.

| | | |
|---------------------------------------|-------------------------------|---|
| DIMENSIONS | 52mm (W) x 69mm (L) x 25m (H) | |
| WEIGHT | 72g | |
| CABLE LENGTH | 1.5m | |
| POWER SUPPLY | 5V (± 0.5V) | |
| POWER CONSUMPTION | 200 mA | |
| SENSOR BLOCK | Number of Pixels | 128 x 192 |
| | Size of Pixel | 80 um x 80 um |
| | Sensor Area | 10.2 mm x 15.4 mm |
| | Size of Image Data | 24 KB(raw image) 3KB(monochrome image) |
| MEMORY BLOCK | Flash Memory | 1 MB |
| | Template Data Size | 512 bytes/print |
| | Fingerprint Capacity | 1000 Prints |
| SRAM | 32 KB | |
| ASIC (CXD4000R) | Sony 16 bit Microcomputer | |
| VERIFICATION BLOCK | Verification Method | Pattern Matching |
| | Verification Time | 67ms/print |
| | False Acceptance Rate | <0.01% (Measured by Sony at Verification Level 3) |
| | False Rejection Rate | <1.9% (Measured by Sony at Verification Level 3) |
| OPERATION | Temperature | 5-35°C |
| | Humidity | 45-85%RH (without water droplet) |
| STORAGE | Temperature | -20 -55°C |
| | Humidity | <85%RH (without water droplet) |
| ESD (Electro Static Discharge) | ±8.0kV | |
| INTERFACE | USB 1.1 | |

SONY

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