IDU5-IP65

product overview

The IDU unit is a complete stand-alone biometric device that can be incorporated into LAN/WANs and existing access control systems – as well as time and attendance systems. It is ideally suited for integration with access control, proximity cards, smart cards and transaction verification solutions.

Identification is based upon fingerprint biometric recognition. Each unit is equipped with a durable fingerprint sensor that scans a user's fingerprint and records the date & time of this event. An LCD (liquid crystal display) provides user feedback. All information, biometric data and decision-making capabilities reside locally on the unit - a powerful feature that allows for stand-alone operation when communication and power supply is unavailable. Doors remain secure and will continue to operate even if all communications to the main computer are lost or in case of a power failure.

Product Features

- Stand-Alone (no host required)
- 1,000 fingerprints & text related data
- Scalable processing power
- Local identification/ verification
- 12,500 date/time events locally
- Ethernet, Serial, Electronic Signal Out
- Unique MAC/IP Address ranges
- Embedded Algorithms/ Firmware
- Administration via Ethernet/Serial RS232/ RS485
- Administration/Access Control Software included
- Wiegand interface
- ActiveX API DLL provided (for developer interfacing to proximity cards, smart cards,DVRs and existing applications.)
- LCD & Keypad
- Locally developed and manufactured
- 12 Month carry-in warranty

Operational Functions

- One-to-one verification
- One-to-many identification
- Wiegand xx bit
- Windows Application Programming Interface
- 1 year warranty on sensor
- ISO certified manufacturing
- IP65 (Water resistant) Rated
- Polycarbonate casing
- On-Line verification for 1,000,000 templates
- Operating Temperature: -10°C to +70°C
- Sensor Surface Hardness: 750HK~6.8Mohs
- Sensor DPI: 500
- ESD: 15kV
- Bio-API Standard Compliant
- Best Performer IBG Tests
- Reject latent, 2D or copied prints
- Industry best quality image
- Very low distortion 1%
- Works well with dry, scarred, aged, wet, or oily skin
- Durable, robust and reliable sensor
- Resistant to scratches, impact, and electrostatic shock
- Impervious to corrosion by oil, sweat, salt and sand

Software Applications

An Access Control solution including Win32 software running on Windows 98/NT/ME/2000/XP/Vista is provided with each unit. The solution is database independent by using Microsoft ADO on the Windows platform. This software is provided license free and includes an Application Programming Interface (ActiveX DLL) for integration into existing systems. A complete suite of software, including time & attendance and advanced access control, are also available on request.

Rental Option

The iPulse IDU-IP65 unit comes standard with a one year warranty; however, a unique operating lease rental scheme is available in which we offer a full 3-year swap out warranty on the unit. Please enquire with your Authorised Reseller or directly with one of our Key Account Managers for more information about this exciting new offering.

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