IDU5 PORTABLE
FLIGHT CASE

iPulse
systems

Product Description

The IDU5 Portable is a device especially useful for on-site time keeping ie: construction/development sites and any remote site which lacks power or connectivity. iPulse has enclosed it's world class product, the IDU5 fingerprint reader in an aluminium flight case, which is both compact and robust and built to withstand a tough environment.

A battery back-up provides the reader with all the power it needs to perform and record daily clockings and its built in power port allows for easy recharging when flat. Reports can be downloaded onto a computer or laptop using a network/serial cable. These records can then either be reviewed, printed or exported directly into the organization's payroll package to calculate staff salary and wages.

About the IDU5

The IDU5 is a complete stand-alone biometric device that can be incorporated into LAN/WANs. Identification is based upon fingerprint recognition. Each unit is equipped with a durable fingerprint sensor that scans a user's fingerprint and records the date and 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.

The IDU5 Portable

- Aluminium Casing
- Protective Foam Padding
- The IDU5
- Network/Serial Ports

Technical Specifications

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 Interf ace
- 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℃ to +70℃
- Sensor Surface Hardness: 750HK – 6.8 Mohs
- 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 electro static shock
- Impervious to corrosion by oil, sweat, salt and sand

About iPulse Systems

iPulse Systems (Pty) Ltd is a privately owned South African company which is a subsidiary of the dynamic Richmark Holdings group of companies. Founded in 2001, the company has since built a massive installed base of products and has tremendous experience in the design & implementation of biometric systems, software design and access control security. iPulse Systems has evolved over the years from a traditional original equipment manufacturer (OEM) of biometric and security systems to an industry market leader committed to developing advanced next generation solutions.

Contact Us

tel	+27 11 589 9000
fax	+27 11 589 9100
web	www.ipulse.co.za
mail	info@ipulse.co.za

address
1st floor, novell house
the wedge office park
255 rivonia road
morningside, 2196
south africa

For more information call:

0860 iPulse

iPulse
systems