

iDU5 READER



The iDU5 is chief among the **toughest and most capable biometric readers** in the South African market. Tried, tested, stable and secure, the reader comes standard with an IP65 rating, and **one of the lowest failure rates in the industry.**

Connectivity

Connectivity is addressed through Ethernet (10 MB), Serial (RS-232/485), Wiegand (26/44 bit) and dual relay drivers.

Sensor

The Secugen sensor is well known for its ruggedness, solid engineering and virtually indestructible sensor prism, which resists scratches, stress and corrosion.



Reliable

Stable, tried and tested, the iDU5 offers a cost-effective entry point into biometric access control, with spares, local service and thousands of installed iDU5 readers ensuring longevity.

IP Rating

The iDU5 carries an IP65 rating, meaning that it is dustproof and water resistant, and therefore may be used either indoors or outdoors without modification.

FEATURES

10 000:1 High-speed Matching*
Dual Relay Drivers
LCD Display (20 x 4 char)
Ethernet (10 MB)
Serial Connector (RS-232/485)
Wiegand Connector (In/Out)
IP65 Rating

* Available as an optional extra

SOFTWARE APPLICATIONS

The iDU5 comes standard with **BasicIQ**, a license-free application that supports up to 500 users and 10 devices from any networked PC.

BasicIQ is XP/Vista/Windows 7 compatible, and is used to integrate the devices through one simple, easy-to-use platform for enrolment and general maintenance.

BasicIQ is part of a family of licensed products, including **TimelIQ** (time and attendance), **AccessIQ** (advanced logical and physical access control), **AssetIQ** (RFID and biometric asset tracking) and **VisitorIQ** (visitor and parking management system).



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TECHNICAL SPECIFICATIONS

		Access (1 000 prints)	Enterprise (10 000 prints)
Biometric Features			
Verification – PIN	One-to-One (1 000)	•	
Verification – PIN	One-to-One (10 000)		•
Identification – Local	One-to-Many (1 000)	•	
Identification – Local	One-to-Many (10 000)		•
Identification – Server	One-to-Many (100 000)	•	•
Transaction Logs	Onboard (12 500)	•	•
Minutiae Points	10–100 adjustable	•	•
FIPS 201 Compliance	SDA04 sensor		Optional
Interfaces			
Wiegand Interface	In & Out (26/44 bit)	•	•
Serial Interface	RS-232	•	•
Serial Interface	RS-485	•	•
Ethernet Port	10 MB	•	•
Network Stacks	UDP/IP (Fixed)	•	•
Relay	Relay drivers (max 2)	•	•
Display	20 x 4 character LCD	•	•
Keypad	16-key Tactile Keypad	•	•
General Specifications			
Power	12V DC	•	•
Operating Temperature	0 °C to 45 °C	•	•
Environmental Temperature	-10 °C to 50 °C	•	•
Sensor Type and Brand	Optical/Secugen	•	•
Sensor Resolution	500 dpi	•	•
Physical Dimensions	130 x 160 x 85	•	•
IP Rating	IP65 (dust & water resistant)	•	•
Manufacture	ISO certified / South African	•	•
Unit Housing	Polycarbonate casing	•	•
Warranty	1 year (extendable to 3 years)	•	•
Language Support	Yes (1 of 5 languages supported)	•	•
Firmware	Embedded C application	•	•
Application Interface	Microsoft ActiveX	•	•

About iPulse

iPulse Systems is a manufacturer of biometric and GSM-based devices and is committed to developing advanced next-generation solutions around these technologies.

iPulse Systems works through a structured, tier-based channel, and sells products throughout sub-Saharan Africa, Brazil and Australia.

iPulse Systems is a privately owned South African company which is a subsidiary of the dynamic Richmark Holdings group of companies.

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