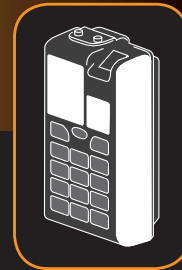


# iPB6 READER



The iPB6 is a world-leading device with **technology far ahead of any of its competitors**. Unlike previous-generation biometric devices, the iPB6 is based on a **Linux operating system**, and runs many business applications to provide for specific tasks, thus making it **highly versatile!**



## Algorithm

Blazing speed is achieved through a highly tuned algorithm which identifies an individual in less than 1 second, from up to 10 000 locally stored users, thus making it perfectly suited to high-density environments.



## Language

The iPB6 supports up to 20 languages, with the option to have up to four languages operating simultaneously. The device not only caters for a generic operational language, but allows individuals to specify which language they prefer and then communicates with them in that language.

## Connectivity

Connection to the outside world is ensured through auto switching 10/100 Ethernet with full DHCP, Wiegand, USB (slave mode) and an integrated Class 4 GSM Engine

## FEATURES

- 10 000:1 High-speed Matching
- Highly Secure IntelliRelay™
- Full-colour LCD Display
- Ethernet (10/100 DHCP)
- Wiegand Connector (In/Out)
- USB Port (slave mode)
- Full sound & video support
- Smartcard Verification (iClass / Mifare RFID) \*
- GSM Support\*

\* Available as an optional extra

## SOFTWARE APPLICATIONS

The iPB6 comes standard with the **IQSuite**, a powerful biometrics management studio developed by our own in-house team to fully unlock the potential of our biometric devices.

The **IQSuite** is fully XP/Vista/Windows 7 compatible and seam-lessly integrates our devices through a platform designed with the end user in mind, regardless of technical aptitude.

The **IQSuite** features a tiered, customizable user-role structure for additional security and easy-to-use wizards to guide the user through each process.

A flexible framework allows users to expand the functionality of their software with additional add-on packs : the entry-level **IQSuite** application is fully upgradable to an Enterprise version, which has licensed add-ons for **time & attendance**, **access control** and **visitor management**.

## IntelliRelay™

The iPB6 comes standard with a unique IntelliRelay, allowing doors to be controlled through secure communication, thus removing the current weak point of biometric devices. In addition, an anti-tamper switch and custom screws guarantee the security of the device.





# iPB6 READER

## TECHNICAL SPECIFICATIONS

		Enterprise (Standard)	Communica (GSM/GPRS)	Identity (iClass / Mifare)
<b>Biometric Features</b>				
Verification – PIN	One-to-One (10 000 prints / 5 000 users)	•	•	•
Verification – iClass/MiFare	One-to-One (Limitless)	--	--	•
Identification – Local Mode	One-to-Many (10 000 prints / 5 000 users)	•	•	•
Identification – Server Mode	One-to-Many (100 000)	•	•	•
Identification Performance 1:1	MiFare 0.6 secs, iClass 0.5 secs	--	--	•
Identification Performance 1:Many	10 000:1 in 0.7 secs	•	•	•
Transaction Logs	Onboard ( > 1,000,000)	•	•	•
Minutiae Points	10-100 adjustable	•	•	•
FIPS 201 Compliance	SDA04 sensor	Optional	Optional	Optional
<b>Interfaces</b>				
Wiegand Interface	In & Out (Fully customisable)	•	•	•
Full Audio Support	Integrated	•	•	•
Full Video Support	Integrated	•	•	•
USB Interface	Host / Slave mode	•	•	•
GSM Communications	Integrated GSM Class 4 Engine	--	•	--
Ethernet Port	10/100 MB auto-switching	•	•	•
IntelliRelay™	Secure Relay (max 255 devices)	•	•	•
Network Stacks	TCP/IP (fixed or DHCP)	•	•	•
Display	2.4" active TFT LCD (hi-colour)	•	•	•
Keypad	14-key tactile membrane switch	•	•	•
Smartcard	iClass / MiFare Contactless Card Reader	--	--	•
<b>General Specifications</b>				
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	85 x 160 x 45 mm	•	•	•
IP Rating	IP64 mounting kit	Optional	Optional	Optional
Certification/Compliance	ISO certified / South African	•	•	•
Unit Housing	Polycarbonate casing	•	•	•
Warranty	1 year (can extend to 3 years)	•	•	•
Language Support	Yes (4 of 20 languages supported)	•	•	•
Operating System	LINUX kernel	•	•	•

## About iPulse

iPulse is a technology design company that specialises in developing biometric technology solutions at a hardware, firmware & SDK level for integration into software solutions.

iPulse makes it a point to ensure that all the solutions they develop are built on platforms which they own, or which are based on open-source technologies that can be shared with their partners to ensure seamless integration into their systems.

## Contact us

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