iPB 7 READER

The iPB7 is a world-class device with **technology far ahead of any of its competitors**. Designed around our advanced iPB-mainboard and its specialised **Linux** operating system, the iPB7 is one of the most **intelligent, flexible and extensible** biometric devices available.

GENUINE ™ HID TECHNOLOGY

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, making it perfectly suited to high-density environments.

iPulse iPB7
12:00
Monday 1 January 2018
iPB 7

IntelliRelay™

An additional layer of security is provided by encrypting communications between the iPB7 and any connected IntelliRelays, negating the vulnerabilities of standard relays.
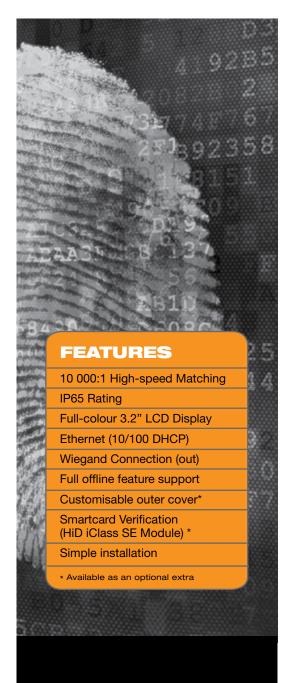
Connectivity

Connectivity is handled by auto switching 10/100 Ethernet with full DHCP, backed by a configurable Wiegand output supporting all standard formats. Ethernet ports for power and network cuts out needlessly complex wiring.

Built to last

The iPB7 has been built to last, as testified by the rugged polycarbonate casing and the pending dust- and weather-resistant IP65 rating. Interchangeable covers and keypads complete the image, allowing you to customise your device to suit your needs - be that for aesthetic or practical purposes.

FEATURES

10 000:1 High-speed Matching
IP65 Rating
Full-colour 3.2" LCD Display
Ethernet (10/100 DHCP)
Wiegand Connection (out)
Full offline feature support
Customisable outer cover*
Smartcard Verification (HiD iClass SE Module) *
Simple installation

* Available as an optional extra

IQSUITE.cloud COMPATIBLE

IQSuite.cloud is the software application that drives the system. Whether it is used as a stand alone system, or integrated into other platforms, IQSuite is where devices, people and configurations are managed.

Log in from anywhere to a dashboard-driven interface that shows you instantly whether your system is experiencing any problems. Drill down to find out exactly what is wrong - our exception based dashboard allows you to identify and resolve problems in moments.

Built from the ground up to be an IP-based solution, iPulse products still support legacy communications through our IntelliRelay architecture, bringing Wiegand and RS-485 into the modern world. Whilst designed as an always-on, Internet solution, all iPulse products function perfectly in an offline world.

iPulse systems

iPB 7 READER

TECHNICAL SPECIFICATIONS

		Enterprise (Standard)	Identity (HiD iClass SE)
Biometric Features			
Verification – PIN	One-to-One (10 000 prints / 5 000 users)	•	•
Verification – HiD iClass SE	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 0.8 secs, iClass 0.7 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
Interfaces			
Wiegand Interface	Fully configurable Wiegand output	•	•
Ethernet Port	10/100 MB auto-switching	•	•
IntelliRelay™	Secure Relay (max 255 devices)	•	•
Network Stacks	TCP/IP (fixed or DHCP)	•	•
Display	3.2" active TFT LCD (hi-colour)	•	•
Keypad	14-key backlit tactile keypad	•	•
Smartcard - module type	HiD iCLASS SE® Reader	--	•
Smartcard - supported formats	iCLASS Seos, iCLASS SE, Standard iCLASS, FeliCa™ MIFARE® Classic and MIFARE DESFire® EV1	--	•
	HID Prox	--	Optional
	Bluetooth LE	--	Optional
General Specifications			
Power Input	12V DC	•	•
Processor	1GHz Cortex A8 w/ PWM, ADC	•	•
Memory	512MB DDR3 800MHz		
Storage	2GB e-MMC, automatically managed		
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	127 x 207 x 75 mm (W x H x D)	•	•
IP Rating	IP65 - dust & weather resistant	•	•
Certification/Compliance	CE, FCC, SABS	•	•
Unit Housing	Polycarbonate casing - modular	•	•
Warranty	1 year (can extend to 3 years)	•	•
Language Support	Yes (4 of 20 languages supported)	•	•
Operating System	LINUX kernel	•	•

ABOUT IPULSE **iPulse** delivers a biometrics access control solution in a primary growth market that is easy to use, quick to install and affordably priced against existing legacy systems. The system is scalable and can be used as easily in a single door application as it can in a multi-door multi-site environment. The architecture makes it easy to support and is low risk to resellers and/or users with many sites.

Contact us

iPulse systems