3RD PARTY
INTEGRATION

Comb iPB7
Outdoor Fingerprint
Reader

Comb Communications

Giving you Access and Control

Class-leading Biometrics for Access and Control

The **iPB7** is an outdoor fingerprint-based biometric access control unit, that is configurable on **Comb Portal.** This device is one of the most intelligent, flexible and extensible biometric devices currently available.

Communication
Communication is handled by auto switching 10/100 Ethernet with full DHCP, backed by a configurable **Comb Portal** interface. Ethernet ports for power and network cuts out needlessly complex wiring.

Built to last
The **iPB7** is constructed from a rugged polycarbonate casing with a pending dust-and weather-resistant iP65 rating.

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

Algorithm
Blazing speed is achieved through a highly tuned algorithm, which identifies an individual in less than 1 second, from up to 10 000 users stored on the **Comb Portal**, making it perfectly suited to high density environments.

Name Surname
Access Granted

FEATURES

10 000:1 High-speed Matching
IP65 Rating (Pending)
Full-colour 3.2" LCD Display
Ethernet (10/100 DHCP)
Simple installation

Integrate with Comb Portal

A single comprehensive web based facilities management platform, that integrates with our bespoke hardware and software offerings (*Combware) along with a myriad 3rd party products tailored to suit every access managed eco-system, **Comb Portal** is undeniably the class leading facility management system. From secure log-in to informative dashboards and the ability to customise to your own requirements. The intuitive navigation allows you to drill down on any queries related to specific hardware with exception based reporting. Pull reports, invite users and update information with ease.

TECHNICAL SPECIFICATIONS

BIOMETRIC FEATURES	
Verification - PIN	One-to-One (10 000 prints / 5 000 users)
Identification Local Mode	One-to-Many (10 000 prints / 5 000 users)
Identification	Server Mode One-to-Many (100 000)
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

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

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
Language Support	Yes (4 of 20 languages supported)
Operating System	LINUX kernel

The Comb Environment

IoT

COMB WARE

Comb Portal

Comb App

Nova Loader

License Scanner

MKII FAMILY

TAP TAP KEYPAD

BT LOADER

3RD PARTY INTEGRATION

Biometrics

Access Tags

Nova Remote