

**3RD**  
PARTY  
INTEGRATION



**Comb iPB4**  
Indoor Fingerprint  
Reader

**Comb**  
Communications

*Giving you Access and Control*

## Touch Access and Control...

The **iPB4** is an indoor fingerprint-based biometric access control unit, that is configurable on **Comb Portal**. This is a flexible, cost-effective solution for new and existing access control systems.



### IntelliDevices

The **iPB4** is the first unit capable of managing an all-new range of modular micro-controllers that extend your device's capabilities.

Each **iPB4** ships with an included IntelliRelay which can be daisy-chained to multiple other IntelliDevices, expanding your control to embrace alarm panels, lighting and more, all managed from the same device.



### Algorithm

Blazing speed is achieved through a highly tuned algorithm which identifies an individual loaded in the **Comb Portal** in less than 1 second, from up to 5 000 locally stored users, making it perfectly suited to high-density environments.



### Communication

The **iPB4** communicates with the outside world functionally and **Comb Portal** for reporting purposes via auto-switching 10/100 Ethernet with support for both static and dynamically allocated addresses.



### Simple Installation

Power, network communications and any other required inputs are connected to the IntelliDevice, which is mounted in a safe zone such as the inside of a ceiling, the controlled side of a door or even a secure cabinet. A single Ethernet cable carries power, communication and any required inputs to the **iPB4**, significantly reducing the risk of tampering - especially for devices on the perimeter.



## FEATURES

5 000:1 High-speed Matching

Dichroic LED for visual feedback

Ethernet (10/100 DHCP)

Fully-configurable

FBI certified FIPS 201 / PIV\*



## 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

Identification Performance 1:Many	5 000:1 in 0.7 secs
Transaction Logs	Onboard ( > 1,000,000)
Minutiae Points	10-100 adjustable
FIPS 201 / PIV Compliance	UN20 sensor

#### INTERFACES

Wiegand Interface	Fully customisable Wiegand Output
Ethernet Port	10/100 MB auto-switching
Network Stacks	TCP/IP (fixed or DHCP)

#### GENERAL SPECIFICATIONS

Power	12 - 14 VDC
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	64 (w) x 179 (h) x 55 (d)
IP Rating	Pending
Certification/Compliance	FBI-certified FIPS 201 / PIV
Unit Housing	Polycarbonate casing
Operating System	LINUX kernel

### The Comb Environment

