

# V30 Plus *(Keypad Edition)*

## Biometric Finger Scanner



With a range of advanced features, the PeopleKey V30 Plus is at the very forefront of biometric technology. With its high contrast LCD panel, toughened polycarbonate shell and zero-maintenance fingerprint sensor, the PeopleKey V30 Plus is an all weather reader suited for both time & attendance and access control.

## Specification

Connectivity	Ethernet - 10/100Mbps, optional WiFi 802.11 or 3G	Operating system / Processor	Linux / Ingenic MIPS32 380Mhz processor
Application-level protocols	HTTP & HTTPS	Security	SHA-1 Cryptographic hardware engine
Firmware upgrades	FTP, USB or FingerLan management application. Remote and unattended.	USB support	3 internal USB ports, support for USB hub devices, optional: external USB port
Connectivity alternatives	RS485/RS232, (Serial Baud rates: 300 to 115200 bps) on ext power, Wiegand, USB Serial or USB serial Host mode	Storage capacity / RAM	256MB / RAM: 64MB 32bit (minimum 60,000 transactions)
Data link protocol	Ethernet, Fast Ethernet	External casing	Polycarbonate monocoque shell (extremely strong). Range of colours available
Server connectivity	FingerLan software back-end managed	Dimensions	186 x 117 x 85mm (W x H x D)
Power supply (external)	8-18Vdc @ 500mA, optional: USB 5Vdc @ 500mA / Power Over Ethernet	Ingress protection (IP) rating	IP65
Sensor	High Resolution (Native 640X480), Auto finger detection, C-MOS, Ambient light >5000 Lux (or 50000 with "Smart Capture" algorithm)	Operating temperature	-10 to 50 degrees Celsius
Enrolment time	Approx 1.5 second (single template) plus user navigation of menus	Time zones	30 (Access Control) including 2 special use time zones
Verification time	Approx 1.5 seconds	Multi I/O connections	External supply (12/5Vdc), RS485, RS232, Wiegand In/Out, REX / door monitor / alarm
False rejection rate (FRR)	Administrator defined (typically less than 0.013)	Door relay	Reference free NC/NO contacts (external / POE power only)
False acceptance rate (FAR)	Administrator defined (typically less than 0.001%)	Tamper control	Yes - activated when case tampered with
Template storage capacity	Dependant on template type used: ANSI standard 32,000 (default)	Audio	Multi tone audible alert
Template type / size	ANSI (ISO/IEC 19795-4 interoperability standard) - default template size 1200 bytes (configurable)	LED's	Screen - 2 line LCD, Ultra bright with high contrast, optional: choice of screen types. Keypad - Numeric with menu keys, LED multi colour, Dual panel illumination
Algorithm	Identix L1 FIPS201 PIV certified (ANSI/ NIST)	SmartCard reader	Optional HID Mifare / iClass / 125Khz on board.
Scanner (sensor) lens	High strength solid tapered material up to 10mm thick, high strength, scratch resistant lens	User connections	External supply: 8-18Vdc via 2.5mm DC jack, Ethernet / POE - RJ45, Multi I/O - 20 way plug and fly leads
Verification options	Finger only (Finger = Biometric template), ID + Finger, ID + PIN, ID only Multi-person verification	Communications module	Cavity for USB memory expansion or battery back-up, electrical conduit connection, POE module , WiFi 802.11, 3G
Allowable finger rotation	+/- 18 degrees		
Other features	Latent print detection, web user interface for enrolment / configuration		

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