PeopleKey

V30 TouchLock

Biometric Finger Scanner

The V30 TouchLock is extremely tough, weather proof and will perform in both online and off-line modes. This is an innovative finger scanner that has extensive control and communications capabilities. The V30 has ability to perform individually or integrate with access control, point of sale (POS), time and attendance (T&A), kiosk or customised solutions.

Specification

Connectivity	Ethernet - 10/100Mbps. **Optional:** WiFi 802.11	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		
Power supply (external)	8-18Vdc @ 500mA. **Optional:** Power Over Ethernet / USB 5Vdc @ 500mA	Dimensions	66 x 111 x 58mm (W x H x D)
		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
		Time zones	30 (Access Control) including 2 special use time zones
Enrolment time	Approx 1 second (single template) plus user navigation of menus	Multi I/O connections	External supply (12/5Vdc), RS485, RS232, Wiegand In/Out, REX / door monitor / alarm
Verification time	Approx 1.5 seconds		
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 0.0001%)	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	Red/Green: Fingerscan operations, Card scan operation, Programmable option, Online status
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 in: 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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