



Biometric Access Control

Overview

Offering keypad PIN (Password) and Fingerprint Authentication options, the Keytracker Biometric Access control unit is used in both security (access control) and workforce management applications.

- Embedded Web server for easy access via any browser
- Encrypted network communication
- Optional CMOS camera

Description

Keytracker Biometric Access control unit is based on state of the art 500 dpi Optical Fingerprint Scanning Technology. The Keytracker Biometric Access control unit also supports an optional built-in CMOS camera that can take snapshots of accepted or rejected attempts and store up to 500 photos directly in the database for viewing via the web interface/browser.

The Keytracker Biometric Access control unit can hold up to 1,000 fingerprint templates directly in the unit as encrypted binary data, it stores up to 7 templates for each user enrolled



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Features

- Embedded software, no software installation necessary.
- State of the art embedded encrypted Linux web server technology. Control, configure & administrate via web browser
- SSL encrypted communication between units & browser
- Real time system update & configuration
- 500DPI optical scanner
- Auto-match support up to 500 users (1:N)
- Operates in Standalone or Network modes
- Robust and scalable (thousands of users on global basis) for enterprise-wide deployment
- IP 65 rated, weather & impact resistant casing (fluid ingress, dust, salt, fog protection)
- Built-in CMOS camera (optional)
- Up to 500 photos (FIFO internal storage)
- API support for easy interface to most software applications
- 1,000 users
- Up to 75,000 event logs
- Five Modes of authentication
- Fingerprint only
- ID + Fingerprint, and
- ID + PIN.
- Multi-lingual interface (LCD & Web)
- Wiegand 26-bit output



Scanner specification:

- Fingerprint image resolution: 500DPI
- False Rejection Rate (FRR): 0.01%
- False Acceptance Rate (FAR): 0.0001%
- Allowed fingerprint rotation: +/- 15 Degrees
- Matching speed: 0.05Sec
- Scanning speed: < 1 sec

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Keytracker Biometric Access control unit specification:

Description	Spec
Fingerprint Enrollment	Yes
Built-in SmartCard Reader	No
Built-in Web and Database Server	Yes
DOC flash (MB)	128
Maximum users enrollment	7 templates for 1k model
Number of users	1/3/5/10/15/20k
Max transaction records stored	75k entry event log for 1k model
Max photos stored	500
SNMP compliant	Yes. (available for certain models with patch)
Exchange information between Devices (Primary / Secondary)	Yes
Static IP address assignment	Yes
Dynamic IP address assignment(DHCP)	Yes
Backlit LCD Display(128x64)	Yes
Non-volatile Memory	128MB
Computer supported (with Internet Browser)	Mac OS Windows 95/98/NT/2000/XP/Vista/Server Pocket PC(PDA) /Linux PC /Unix Machine
Valid Characters for Employee ID	0-9, A-C (max. 16 characters)
Authentication Time	<1 second
Database interface interface support	ODBC/JDBC
Encryption	Secure Socket Layer(SSL)
Multilingual support	Yes
Network interface	10BT Ethernet (Built-in) GSM/GPRS, Wi-Fi, Modem (external device is required)
Expansion	RS-232/RS-485 Weigand Output
Operation Mode	Primary/Secondary mode
Programming API	SOAP API
Report(TXT/CSV output format supported)	Yes
Remote Control(TCP/IP)	Yes
Operation Temperature	-20°C-60°C
Relay support	2 Relays
Case	IP65-fluid ingress, dust, salt, fog protection
Safety Standard	CE, FCC, IP65

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