

Bio-i Networked Access Control System



Real Time Authentication through TCP/IP

Client/Server architecture for maximum flexibility
 Central Database (MS-SQL) for simple user management and reporting
 Facilitates simple addition of access locations
 Local Template Backup (Operates with offline)

Ultra Fast 1:N Identification of Users

Proprietary Algorithm provides blazing speeds
 Identification in 1 second for 5,000 enrolled templates (Networked)
 High speed RISC Processor

Patented Light Emitting Sensor (LES) Technology

Highest Usability FingerScan Input Technology
 Immune to Electro Static Discharge
 Intrinsic live finger detection
 Multi-Token Capability

Alarm Finger

Indicate a duress situation (such as being forced to open a door)
 Send Net Message to TCP-IP
 Dial Designated Phone Number
 Generate Alert

Door Control Interface

Industry Standard Wiegand Output
 Optional Door Control Module

Features	Specifications
Identification Algorithm	Proprietary, Patent Pending
Real time network monitoring	Yes
FAR	0.001%
FRR (After Capture)	0.01%
Identification/ Authentication Options	Fingerprint Fingerprint + Smart Card Fingerprint + PIN PIN + Smart Card
Identification Time (After Image Capture)	1 second / 5000 Templates (on-line)
Templates	Unlimited (normal network)
TRU Template Cache	1,000 Templates (Network Disconnected with standard memory)
Event Logging	5,000 transactions when offline (unlimited online)
Networking	TCP/IP (10Base-T, 10Mbps) via RJ45 Port
Network Security	Data Encryption / Decryption 128-bit
Battery Backup	2 Hours
Card Reader	Contact Smart Card - ISO 7816 Compatible
Door Control (Option)	Wiegand Output (26 bit) and/or Optional Door Controller
Operating Temperature Range	-20 to 60° C / -4 to 140° F
Humidity	0 ~ 90%
Reader Sensor Type	Light Emitting Sensor (U.S. Patent)
Sensor Size	15mm (W) x 18mm (H)
Resolution	500DPI
Operating System Support	Microsoft Windows 98/NT/2000/XP
Self-Diagnosis	Tamper Alarm Battery Backup Checkup Network disconnection check
Power	110Vac / 220Vac