

Protect your valuable assets with a uniquely designed fingerprint device for access control and security applications.

Utilising the latest in biometric technology, BioScan can monitor, control access, audit use and prevent unauthorised or fraudulent entry to any building or room.

The most significant benefit of BioScan is that it will save you money from the day you install it! Savings occur through the elimination of the need for employee proximity or swipe cards which regularly get lost, stolen, damaged or transferred to others.

BioScan protects all of your office assets (both hardware and intellectual property) for considerably less than the cost of a simple laptop.

BioScan can secure one or more office doors, medical cabinets, board room, data rooms or laboratories. BioScan only requires a user to be enrolled once at any BioScan unit to then gain access to other units at any location in the system. Access privileges, TimeZone control, File Protection and General Management can be administered centrally or locally.

BioScan features the latest scanning technology incorporating algorithms that allows the sensor to read beyond the surface to the live layer of skin where the real fingerprint resides. Dryness, calluses, water, oil or dirt are not a problem as patented sensor technology utilising RF (radio frequency) assures that an accurate fingerprint image is acquired.

BioScan can be integrated with any office alarm system. It also supports Weigand In or Out for integration with existing card readers such as proximity, smartcard, RFID, wireless or other card types.

Benefits

- Convenient - No more keys
- Secure - No need to ever change locks
- Reliable – Radio frequency fingerprint sensing
- Reduce access administration tasks needed for token-based systems
- Full access audit reports provided from BioAccess software

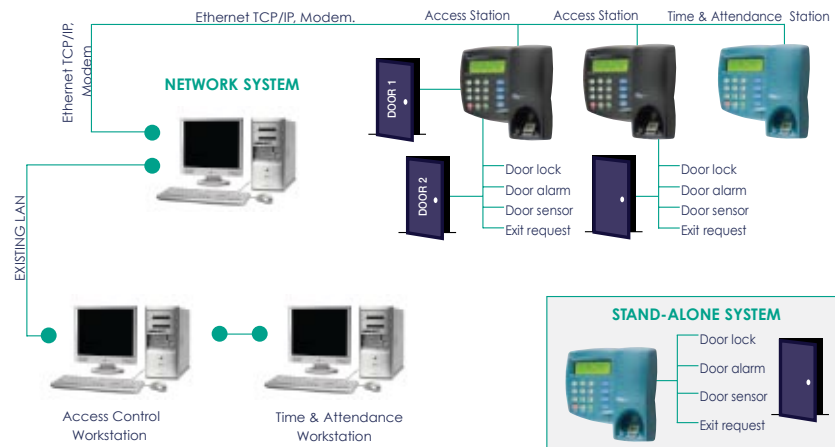
Features

- Control up to 2 doors from 1 BioScan Unit directly
- Anti-Pass back
- MultiVerify – Multiple users required to verify to gain access
- Man Trap
- Connect to 16 relay multi I/O boards or secure I/O boards
- Duress code
- Event driven mapping to all outputs, support for toggle, momentary, latched and pulsed outputs
- Power over ethernet compatible
- Integrated intercom key for door security (audio and video supported via optional camera)
- Special security keypad layout door1, door2, aux & intercom keys
- Fast user access <1 second



BioScan

Hardware + Software Specifications



TECHNICAL DETAILS

- **Dimensions:** Size: 185mm(w) x 184mm(h) x 56mm(d)
- **Mounting:** Any reasonably flat surface via a minimum of 4 mounting points
- **Voltage & Power Consumption:** 12VDC – 18VDC @ 500mA
- **CPU:** 32 Bit RISC processor running at 200Mhz
- **Operating Temp:** 0 – 50°C (32F-122F)
Other Temperature Specifications available
- **Display:** 4 Line X 20 Character Backlit (Yellow Green) LCD Display, 60° View Angle. 2 x 3mm LED Verification (Red & Green)
- **Memory Capacity:**
 - Standard Template Memory: 2000 templates
 - Standard Transactions Storage: 21,500
- **Communications:** Default Ethernet TCP/IP, 10BaseT, RS485 for Secure Relay Boards
- **Interfaces:**
 - Digital Input: 2 Inputs (Dry Contact)
 - Digital Output: 4 Outputs (2 Relays, 2 TTL Outputs)
 - Weigand Input
 - Weigand Output
- **Optional Inputs:** Smartcard, Barcodes, Proximity, Magstripe

• Verification Mode: (1:1)

- Enrolment Time: < 5 seconds
- Identification Time: < 1 seconds
- Adjustable FAR & FRR

• Tamper Circuit:

- 1 Tamper Switch with Dry Contact Outputs and control via Firmware.

OPTIONS

- Camera (B&W or Colour)
- Integrated Proximity Reader
- RS485/RS232 Converter
- Graphics LCD
- Power Supply
- Internal Backup Battery < 2 Hours
- GSM & Analog Modem Communications
- POE (Power Over Ethernet Cable)
- 16 Relay Multi I/O Board & Secure I/O Board
- Custom Firmware/Software Builds Available
- BioWeb (Workforce Management) Software for Time and Attendance
- BioNet Communications Software
- BioWeb (Security Management) Software for Security & Access Control

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