

# BioScan

Time + Attendance

**Reduce your labour costs and only pay for real time rendered. BioScan is specifically designed for streamlining the processes of human resource management and payroll administration.**

It has been estimated that time-creep, buddy punching and unauthorised overtime account for up to 5% of a company's total labour costs. Time-creep occurs whenever an employee starts work 5 minutes late or clocks off 5 minutes early. Over a whole year, this can add up to tens of thousands of dollars.

Utilising the latest radio frequency biometric technology, BioScan can monitor employee's worked time, track activity, log jobs, control access, audit use and prevent unauthorised and fraudulent entry by anyone.

Using finger based biometric technology means the elimination of costly ID cards, punch or Bundy cards.

BioScan works with any Time & Attendance system. It allows systems to integrate job costing, work transfers, work outside of roster access and flexible work practices.

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.



## Benefits

- True Identity – know exactly which staff are onsite
- Convenient - No more card tokens
- Secure – can't be fooled and tamper-proof
- Reliable – our radio frequency fingerprint sensing technology has been market tested for many years
- Reduce Time & Attendance administration tasks needed for manual log systems

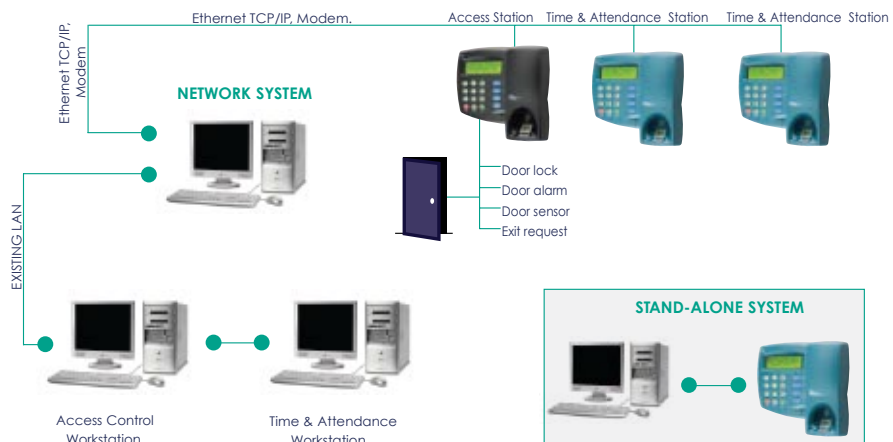
## Features

- Compatible with any Time & Attendance or HR software via direct communications DSN (ODBC) or text file outputs
- Holidays and leave schedules
- Access control by utilising TimeZone management
- Lunch & breaks supported
- Job costing support for alphanumeric codes and task reporting
- Optional CCD handheld scanner input
- Power Over Ethernet compatible with module
- Customisable menus and screen prompts
- Employee on screen messaging
- Special Time & Attendance keypad layout. Includes In/Out, job, break & PayCat keys
- Complies with all privacy laws around the world
- Control bells or sirens for lunch/break warnings



# 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

### 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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