LEVEL 2 B-BBEE

PRODUCT CATALOGUE

ERS Bio

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ERSBio provides a wide variety of biometric hardware to suit the varying industry requirements and working environments. Our biometrics range from various Fingerprint options to Facial devices, as well as newer Palm Vein technologies. We are also at the forefront of SmartPhone App development.

Our cloud modules cater to basic Attendance needs, through to advanced Time and Attendance, Leave management, Access Control and Job Costing. Our software has been fine-tuned over the last 20 years to cater for the various industry requirements, as well as client needs.

Our Development Team is continuously improving our current systems, developing new solutions, as well as providing bespoke solutions for the growing need to incorporate biometrics in more applications.

THE ERS CORE SOFTWARE

The ERS Biometrics Core Software allows for the full account setup of users and their respective viewer rights and the setting up of groups, departments etc. The software comes standard with our Employee Module, with the flexibility of creating custom fields, as well as auto-reporting functionality.

The Core Software supports all of our modules, providing a powerful resource management tool for your business.

- Employee Management
- User Management
- Setup SMS / Email Alerts
- Comprehensive Reporting
- Full access to our dedicated Support team

ATTENDANCE

The ERS Biometrics Attendance Module caters for the smaller businesses, providing Basic Attendance needs, enabling companies to monitor and manage their employee attendance and time worked. It replaces outdated Card Punch Systems / Registers.

- Employee Management
- Setup of Groups
- Setup of Departments
- Comprehensive Attendance reports
- Auto report functionality
- Online Device monitoring and management
- Full access to the ERSBio SMS Communication Module
- Real-time monitoring
- Notifications

TIME MANAGEMENT

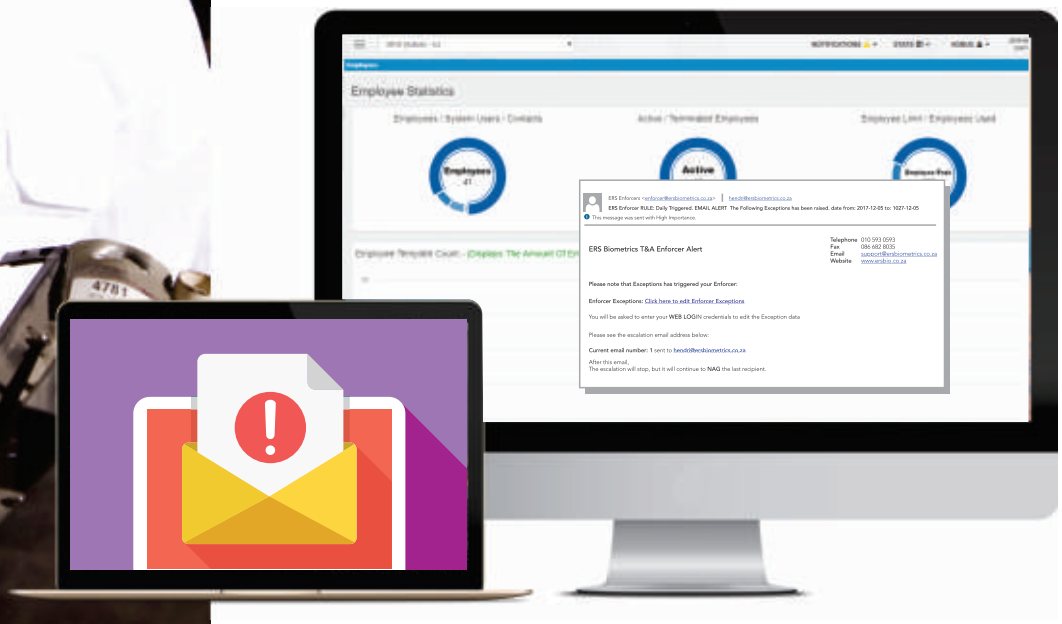
The ERS Biometrics Time and Attendance Module caters for advanced business requirements, enabling companies to accurately manage their employee attendance, hours worked, overtime taken, leave submitted, etc. The module takes away many of the manual processes allowing for easy exception management.

- Advanced Shift Management
- Schedule Your Shifts / Rostering
- Comprehensive reports
- Auto report functionality
- SMS/email notification of exceptions
- Leave Management
- Pre-loading of Overtime
- Clock Management
- Export to Payroll
- Full access to the ERSBio SMS Communication Module

ENFORCER

The ERS Biometrics Enforcer Module manages all Clocking Exceptions on behalf of a business, simply notifying management of when an employee doesn't clock IN or OUT, works Short hours and even when an employee works unauthorized overtime.

- Automated Exception Management
- Only shows clocking exceptions
- Sends Email Alerts to Line Manager
- Escalates alerts or sends reminders if not attended to
- Respond with comments only or edits
- Keeps Managers accountable for Time Management



LEAVE MANAGEMENT

Leave is one of the most time-consuming and difficult processes for any business to manage. Our unique Leave Management Module option provides the facility to pre-load annual or sick leave for employees, reducing the need for modifications at a later stage. Leave can be applied for online and approved with the click of a button.

- Employees can apply for leave online or from our smartphone app
- System admin users / management can immediately approve or decline the leave
- An automated email is sent out to both the employee and the manager confirming the leave status
- The updated leave is then ready to sync with payroll
- Able to Upload/Attach relevant documentation
- Add comments to motivate requests

JOB COSTING

The ERS Biometrics Job Costing Module allows you to capture your job costing activities online, automatically transferring the data to the biometric device (Device specific) or Smartphone APP. Employees access the activities on a dropdown menu on the device/s itself when clocking. Specific activities can be set to only appear on selected devices, making the dropdown selection simple and uncluttered.

- Easy job selection with positive identification
- Comprehensive reports
- Integrates into scales (Weight & Quantity)
- Exports to payroll
- Barcode integration for easy capture

*Compatible with version R14 and higher ERSBio cloud software

SMARTPHONE CLOCKING APP

DOWNLOAD THE ERS MOBILE CLOCK PLUS ON THE APPLE STORE OR GOOGLE PLAY

Google Play | Available on the App Store

The "ERSBio Clock Pro App" is a SmartPhone Time and Attendance Clocking APP that enables employees to clock IN or OUT from a remote location, using the phone's GPS functionality to plot them on Google Maps to verify their location. All clocking information is viewable on the ERS Biometrics Time & Attendance Module, giving you extensive tools and reports to properly manage your remote employees' time worked.

- Links to the ERS Biometrics T&A Software
- GPS coordinates of clocking locations
- Geofencing
- Plot clocking on Google Maps
- Apply and/or approve Leave application
- Facial Verification available
- Photo function for visual evidence
- Clock multiple employees
- Job Costing functionality
- Supports external fingerprint module
- Receive notifications and alerts

DESKTOP CLOCKING

The ERSBio Desktop Clocking Module will allow employees to clock IN and OUT on the ERS software at their workstation as an alternative or in conjunction with the traditional clocking methods, without having to log in through the internet onto our system.

- Multiple employees can be clocked IN or OUT on one workstation
- Employees can be enrolled through the use of a fingerprint scanning device
- Overviews of all employees and their working hours
- Reports can be pulled per employee
- Automatically synchronize with the ERS Biometrics Cloud Software when connected to the internet

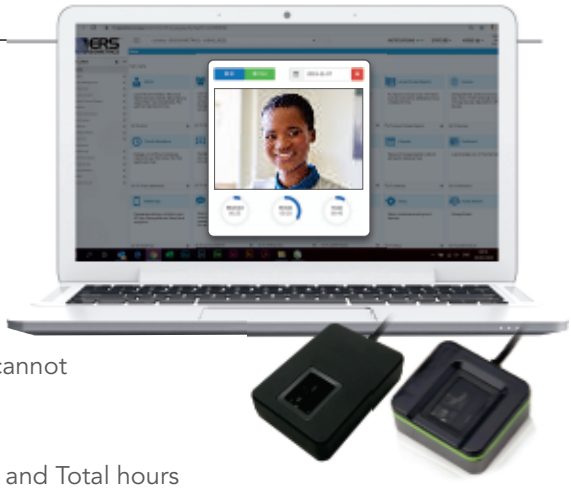
ADDITIONAL HARDWARE

EBZU02 | USB Fingerprint Scanner

The EBZU02 USB device is used to enroll employees onto the ERSBio software from a workstation, as well as clock employees IN & OUT on our Desktop Clocking Module.

- Enrolment reader
- Desktop Clocking device

USB



WEB CLOCKING

The ERSBio Web Clocking Module allows employees to clock IN and OUT on the ERS software at their workstation as an alternative or in conjunction with the traditional clocking methods.

- Multiple employees can be clocked IN or OUT on one workstation
- Blocking / allowing of certain IP addresses, ensuring that employees cannot clock from home and must be present at work in order to clock
- The interface can be dragged into any position on the screen
- Shows employees T&A stats, broken down into Hours worked, Breaks and Total hours
- For positive identification, employees can clock in for work directly on the ERSBio Cloud Software, using Facial Recognition or via the EBZU02 / EBZU03 fingerprint devices

COMMUNICATION MODULE

The ERS Biometrics Communication Module enables businesses to send personalised bulk SMS messages to their database of employees or clients, as well as suppliers, from a central point.

- Send messages immediately or schedule them
- Personalise messages
- Incorporate data from any field (Amount Due, etc.)
- Save Template messages
- Sends automatic messages for special dates (Birthdays etc.)
- Allows for reply messages
- Comprehensive reporting

ERS WATCHDOG

ERS Watchdog will allow you to monitor your employee's activity on their work computers / laptops once they have clocked IN for work, giving a clear indication of which sites / applications / programs were accessed and for which period of time.

You have full control over which programs are seen as Productive or Unproductive, and certain sites or applications can be blocked, immediately clocking the employee OUT for work, once accessed. The employee is also clocked OUT if they have been inactive for a certain period of time. This will allow you to generate a report on exactly how many hours an employee is truly working.

ERS Watchdog is online and needs no hardware to install. Once the employee is done working for the day, they can clock OUT and are free to access any site / application / program.

- Employees can apply for leave online or from our smartphone app
- System admin users / management can immediately approve or decline the leave
- An automated email is sent out to both the employee and the manager confirming the leave status
- The updated leave is then ready to sync with payroll
- Able to Upload/Attach relevant documentation
- Add comments to motivate requests

COMPREHENSIVE REPORTS

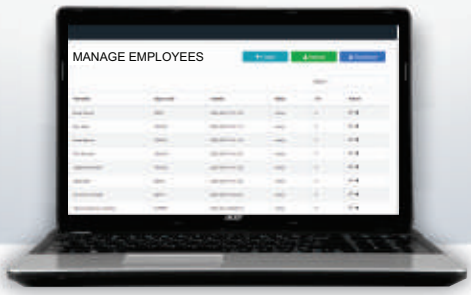
Generate Reports on exactly which programs / sites / applications are used and the duration of activities. Reports can be categorised as Productive and Unproductive and are grouped.

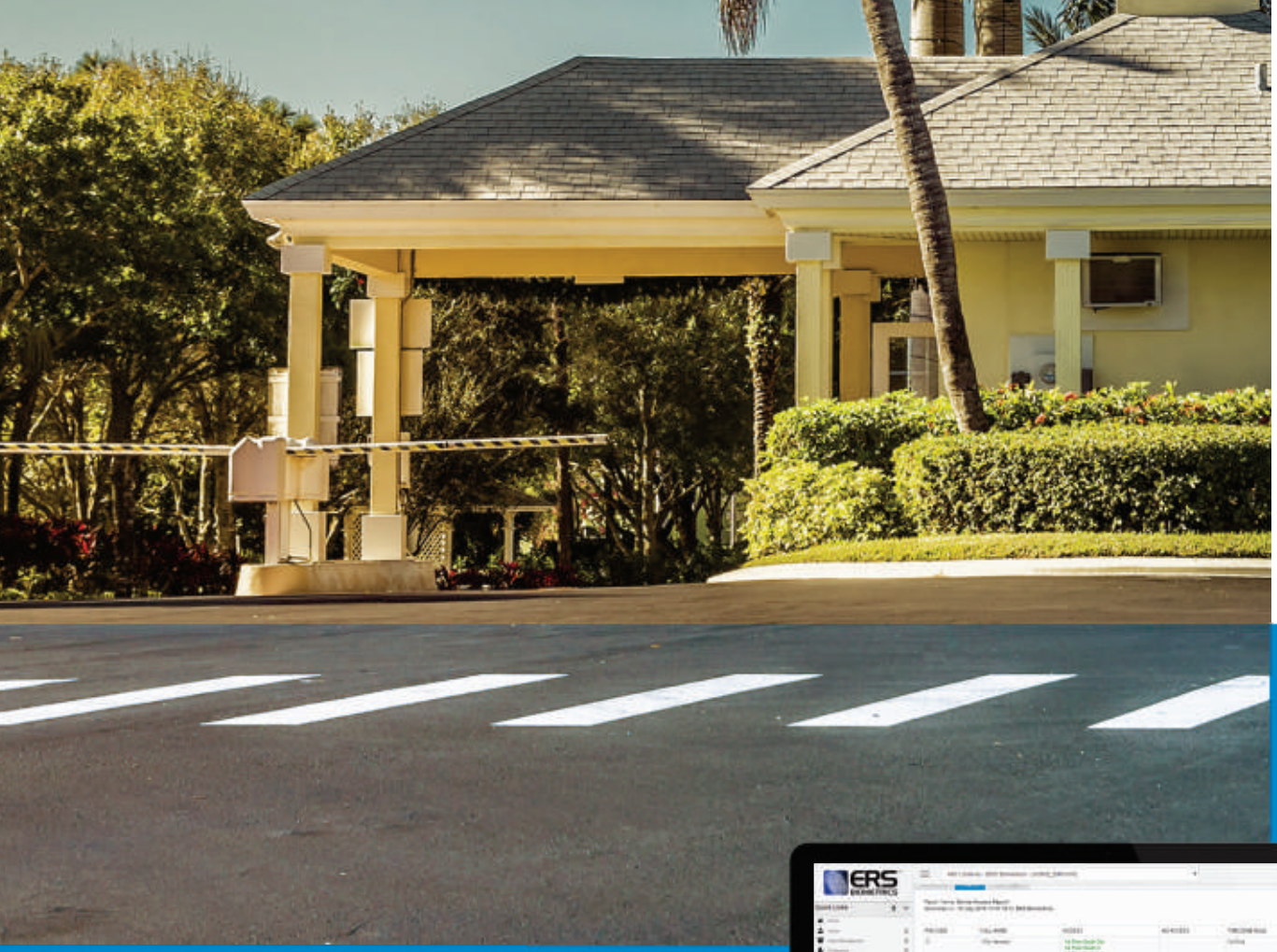
LINKS TO T&A

Employees can clock IN or OUT for work on the app, either at the office of working from home. Comments can be added if additional info is required.

ALERTS

Set up programs / sites / applications that are seen as unproductive or are not permitted and automatically warn an employee if these are accessed via a pop-up screen.





ACCESS CONTROL

The ERS Biometrics Access Control Module will allow you to manage your access control remotely, creating a secure business premises.

- Secure Access Control Management
- Time Zones (EBZ500-Series only)
- Temporary Access Rights (EBZ500-Series only)
- Smart Access / Access rights altered based on triggers (EBZ500-Series only)
- License Plate Recognition
- Visitor Management

DEVICES & ACCESSORIES

ERSBio EBZ100

Wi-Fi Fingerprint Device

The ERSBio EBZ100 device is our most cost-effective Time & Attendance device that utilizes fingerprint verification to positively identify individuals. It uses wi-fi to communicate to our cloud-based software.

- Fingerprint Capacity I 1,000
- Transaction Capacity I 50,000

WI-FI | FP

ERSBio EBZ101

Fingerprint Device

The EBZ101 device utilizes fingerprint verification to positively identify individuals. Both wi-fi and LAN connection can be used to communicate with our specialised cloud-based software.

- Fingerprint Capacity I 3,000
- Transaction Capacity I 30,000

WI-FI | LAN | CARD | FP

ERSBio EBZF01

Facial Recognition Device

The ERSBio EBZF01 device utilizes fingerprint and/or facial verification to positively identify individuals. The device communicates with our Cloud-based software via LAN.

- Fingerprint Capacity I 4,000
- Transaction Capacity I 100,000

LAN | FACIAL | CARD | FP

ERSBio EBZ500-SERIES

Multi-function Fingerprint Device

The ERSBio EBZ500-Series devices utilize fingerprint verification to positively identify individuals. It allows for both 4G and LAN communication to our cloud-based software. They have been designed to integrate with multiple 3rd party hardware devices, such as slave readers, scales and barcode scanners.

- Fingerprint Capacity I 10,000 / 25,000 / 50,000
- Transaction Capacity I 100,000

4G | LAN | CARD | FP

ERSBio EBZM-SERIES

Multi-function Mobile Fingerprint Device

Mounted in a durable carry case, the portable version of the EBZ500 Series Devices are equipped with a power level indicator, built-in battery and charger. It comes with an optional car charger / inverter as well as a mounting bracket for temporary installation. They utilize 4G to communicate with our cloud-based software with an optional LAN connection. They have been designed to integrate with multiple 3rd party hardware devices, such as scales and barcode scanners.

- Fingerprint Capacity I 10,000 / 25,000 / 50,000
- Transaction Capacity I 100,000

4G | LAN | CARD | FP

EBZFP830

Extreme Weather Facial & Palm Terminal

The robust Facial Verification Terminal is ideal for extreme weather conditions and caters for either Facial or Palm Recognition.

- Face recognition within 0.3 seconds
- Anti-spoofing
- Recognition under extremely poor lighting conditions

PALM | FACIAL | CARD | IP68

EBZFP806

Facial & Palm Terminal

The EBZFP806 device enables fast and accurate verification of individuals even while wearing a mask. It supports Facial and Palm verification for touchless T&A and Access Control.

- Facial and Palm Verification of Individuals
- <1sec Facial Recognition speed
- Mask Detection
- Anti-spoofing algorithm

PALM | CARD | FACIAL | FEVER SCAN

EBZFP8008 | Facial, Palm & Card Terminal

The EBZFP8008 device enables fast and accurate facial or palm verification of individuals, and also caters for RF Cards or Passwords. It is ideally suited to higher traffic areas.

- Facial, Palm & Card Verification of Individuals
- Greatly increased distance of up to 2m
- Supports 30-degree pose angle facial recognition
- High speed detection
- Anti-spoofing algorithm

PALM | CARD | FACIAL

EBZFPT806 | Facial & Palm Terminal with Fever Detection

The EBZFP806 device enables fast and accurate body temperature measurement and facial verification of individuals even while wearing a mask.

- Facial and Palm Verification of Individuals
- Body Temperature Detection
- Mask Detection
- Anti-spoofing algorithm

PALM | CARD | FACIAL | FEVER SCAN

EBZFPT830 | Facial & Palm Terminal with Fever Detection

The EBZFPT830 device enables fast and accurate body temperature measurement and facial verification of individuals even while wearing a mask.

- Facial and Palm Verification of Individuals
- Body Temperature Detection
- Mask Detection
- Anti-spoofing algorithm

PALM | CARD | FACIAL | FEVER SCAN

EBZFP810 | Waterproof Facial, Palm & Card Terminal

Enables fast and accurate facial or palm verification of individuals, and also caters for RF Cards or Passwords. It boasts an IP-66 waterproof rating.

- Visible light Facial Recognition
- Anti-spoofing algorithm
- Extra wide angle for Face or Palm
- 2 Meter recognition distance

PALM | FACIAL | CARD | IP66

ERSBio EBZS01

IP65 Rated Slave Fingerprint Device

The EBZS01 slave device utilizes Fingerprint for positive verification. It has an IP65 weatherproof rating and interfaces with both access control devices and controllers.

COMPATIBLE WITH VARIOUS BIOMETRIC DEVICES

LAN

FP

SCALES

Hanging & Platform

Both Scale options are linked to a EBZ501 device, which communicates both quantity and/or weight through to the ERSBio server.

PLATFORM SCALES

- 60 / 150 / 300 / 600 kg Capacity
- 400x500 / 450x600 / 600x800 mm Platform Sizes

HANGING SCALES

- 150kg Maximum Weight Capacity

COMPATIBLE WITH EBZ501

ADDITIONAL DEVICE ACCESSORIES

3.2 AMP
POWERSTORE

12V BATTERY

EXTERNAL
WHIP AERIAL

EBZ500/1
RAINCOVER

EBZ101
RAINCOVER

MOBILE
CHARGER/
INVERTER

3 CORE
POWER CABLE
(PER METER)

16X16mm
SQUARE
TRUNKING
(PER METER)

FIXED MOBILE
MOUNTING
BRACKET

2000VA &
3000VA UPS's

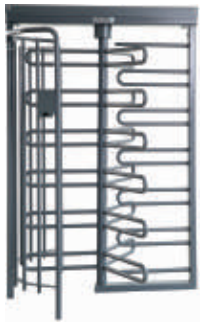
HANDHELD
BARCODE
SCANNER

TURNSTILES & BARRIERS

FULL HEIGHT MANTRAP CUBICLE

- Single or Double
- Interior use
- No maintenance

CARD FP



FULL HEIGHT BI-DIRECTIONAL INDUSTRIAL TURNSTILE

- Single or Double
- Interior or exterior use
- 3, 4 or 5-arm available

CARD FP

FULL HEIGHT BI-DIRECTIONAL MANTRAP TURNSTILE

- Single only
- Interior or exterior use
- Can be fully disassembled to fit through a standard door

CARD FP

SPEEDGATE EXPRESS

- 1 sec open / 1 sec close
- Interior or exterior (covered) use
- Bi-directional
- Multi-lane configurations

CARD FP

SINGLE LANE PARAPLEGIC GLASS BARRIER

- 10 open/closes per minute
- Interior or exterior (covered) use
- wide lane width

CARD FP

SPECIAL NEEDS GATE

- 180° opening
- Interior or exterior (covered) use
- wide lane width

CARD FP

CARD DROP BOX

- Used with turnstiles, mantrap booths, access gates and vehicle barriers
- Interior or exterior use
- Optical sensors to detect falling cards

EBESB01 BREATHALYSER

- Links with biometric identification terminals
- Optional red beacon light or siren indicating FAIL attempts
- Optional camera takes picture of every individual / individuals that test positive
- Detachable front casing for easy calibration or repairs

VEHICLE BARRIERS

TALON VEHICLE BARRIER

- Various arm lengths
- Double-sided spikes protect from both sides
- Left or right handed orientation

CARD

VELOCITY VEHICLE BARRIER

- High-speed operation, low power consumption
- Articulated arm available
- Built-in battery backup

EBZPR01 LICENSE PLATE RECOGNITION

The EBZLPR01 solution makes use of License Plate Recognition to automate your Access Control mechanism, enabling quick access to your premises.

- Works offline
- Blacklist functionality
- Pre-load visitors
- IP65

IP65

ADDITIONAL VEHICLE BARRIER HARDWARE

TRAFFIC LIGHT - RED & GREEN (TALON BARRIER ONLY)

GROUND LOOP 2M X 0.75M CUT INTO ROADWAY

ARTICULATED BARRIER ARM (TALON BARRIER ONLY)

2M CAR / TRUCK GOOSENECK STAND

STAINLESS STEEL CAR GOOSENECK STAND 1.2M INCLUDING RAINCOVER

POWDER COATED CAR GOOSENECK STAND 1.2M INCLUDING RAINCOVER

INTERCOMS

COMMAX 4.3" VIDEO DOOR INTERCOM KIT

Controlled by using optical-touch keys, it allows you to connect one door station and home phone (DP-4VHP, not included in the kit).

- 4.3 inch TFT LCD screen
- Support 1 Monitor, 2 Camera and 2 Interphones

ACCESS CONTROL LOCKS & ACCESSORIES

300KG MAGNETIC LOCK COMPLETE

600KG MAGNETIC LOCK COMPLETE

TIMER RELAY FOR MAGLOCK

NO-TOUCH SENSOR

TOUCH TO EXIT SENSOR

IP68 NO-TOUCH EXIT SENSOR

PUSH BUTTON WIRED AND FITTED

SECURITY BYPASS KEY FITTED ON OUTSIDE OF DOOR

WIRELESS REMOTE CONTROL PUSH BUTTON

1 CHANNEL WALL MOUNTED TRANSMITTER

EMERGENCY EXIT SWITCH BOX - RESET TYPE

BYPASS ACTIVATION ALARM

E2S SIREN RANGE
4 X MODELS AVAILABLE
300m / 500m / 800m / 1000m sound output

EBOT01
240 V AC 7-day Programmable Electronic Timer

HEAVY DUTY DOOR CLOSURE 85KG MAX

DOOR LOOPS

3-CORE WIRE

MULTICOR WIRE

PRINTERS & ACCESSORIES

SMART ID CARD PRINTER
SINGLE-SIDED HD

BLACK RIBBON
1200 PRINTS

COLOUR RIBBON
250 PRINTS

15MM ROYAL BLUE LANYARD
(100 MIN)

RF CARDS

RF CARD HOLDER

SANITISERS, DISPENSERS & REFILLS

PUSH BUTTON DISPENSER

Wall-mounted, push button dispensers utilise alcohol-based spray refills.

- 70% Alcohol-based refill
- Double-sided tape or screw mounted options available
- Refillable
- Easy to use

5L SANISER REFILL

- 70% Alcohol-based refill
- Quick to evaporate

INFRARED THERMOMETERS

EBET05 | Infrared Handheld Thermometer

- 0.5 second response time
- LCD backlight
- Alarm
- 3 - 5 cm distance
- Data storage of up to 32 temperature readings

EBET06 | Infrared Handheld Thermometer

- 0.5 second response time
- LCD backlight
- Alarm
- 1 - 5 cm distance
- Data storage of up to 32 temperature readings

METAL DETECTORS

EBZMD02 | Walk-through Metal Detector

- 33 Mutual over-lapping detecting zones
- Sensitivity adjustable
- Uses high-density fireproof material
- Sound & LED alarm

EBZMD03 | Handheld Metal Detector

A perfect tool for speeding up security processes, it comes with indicators that visually display the size of detected objects through different coloured lights.

- Adjustable sound and vibration
- Rechargeable battery
- Up to 40 working hours with a single charge

+27 (0)10 593 0593

www.ersbio.co.za

P.O. Box 13983, Clubview, 0014