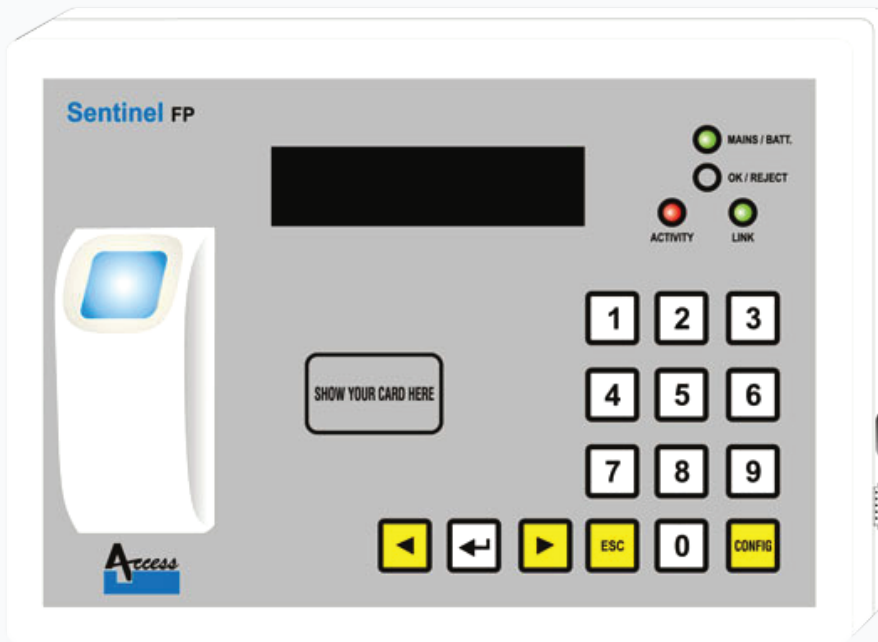


Sentinel FP

Secure Access | Reliable | User-Friendly

A lightweight, compact, efficient and secure biometric reader with built-in power line monitoring for modern workspaces.

User-Friendly:
Backlit LCD for
real-time status
updates.



High Capacity:
Stores 5,000
employee records &
50,000 templates.

Fast Verification:
Dual-CPU ensures
quick fingerprint
matching.

Flexible Matching: Supports
rotated fingerprints and
multiple enrolled fingers.



Accurate
Fingerprint
Recognition

Fast, error-free authentication



Durable
Construction

Engineered for everyday use



Network
Ready

LAN and Wi-Fi connectivity



Smart Access
Control

Custom rules and permissions



User-Friendly
Interface

Intuitive screen and keypad



Centralised
Monitoring

Manage multiple locations easily



Data Security
Built-In

Encrypted logs & communication



Low
Maintenance

Designed for long-term reliability

Sentinel FP Specifications

Dual CPU	RISC-based high-speed Micro Controller, Separate 80 MHz RISC CPU for fingerprint verification.
Sensor Type	Optical, Illumination – Multispectral Out of three fingers.
Template Storage capacity	50,000 1:1 Verification 1000 1:N Verification.
Flash RAM storage	5000 punches and 5000 employee detail
Fingerprint image	500 dpi, FAR 1/100,000 to 1/1,000,000 and FRR 1/100 to 1/30
Display	16 x 2 characters backlit LCD display for card no., date, time and status of memory consumed.
Remote communication	Built-in potential free change over contact for controlling/ signalling external devices.
Anti-spoofing	Mercury (Lumidigm) multispectral technology provide high-quality image and spoof detection
Communication	TCP/IP (10/100/1000 Mbps)/RS 232
Platen	Precision ground glass, uncoated 17 x 13.5 mm (rectangular), IP 65
Input Voltage & Max Finger Rotation	190-260V AC with proper earthing 35° & displacement 5 mm
Scanner Interface Cable	USB Type-A, Micro USB & Type-C
Operating Temp & Humidity	10°C to 55°C, 0 – 95% non condensing
Dimension	190mm(L) x 140mm(H) x 60mm(W)
Material and Mounting	Grey Engineering Plastic, Wall Mountable
Badge Reading	MIFARE Contactless Smart Card(ISO 14443A), proximity 13.56 MHz
Certifications	Fingerprint template MINEX, ANSI 378, ISO 19794-2: 2005, ISO 19794-4: 2005, NFIQ Compliant



ISO 9001:2015
ISO 14001:2015
ISO 27001:2018

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