

Fingerprint Readers

Advanced Industrial Systems brings the security and convenience of biometric technology to access control applications. From hospitals to nuclear power stations, these systems have proven to be the ideal solution. Our FingerKeys' low cost makes it easier to justify the higher security everywhere you need it.

AIS' fingerprint readers analyse fingerprints located between the tip of a finger and first knuckle. An image is captured by a patented algorithm which then extracts unique points from the image and converts the data into a unique mathematical template. The fingerprint reader compares this information with a "template" of the individual's print that has previously been stored. Once the person has been verified as a valid user, a door can be opened or access can be granted.

Fingerprint readers are a secure and lower cost biometric alternative for access control points that have minimal traffic flow and small user populations. They are an ideal solution for securely gaining access to computer rooms, document control facilities and critical infrastructure points.

FingerKeys are ideal for providing increased security in verifying that the person using the device is really who he or she claims to be. For these low volume openings, cost is a key consideration and our fingerprint product surely meets that need.

AIS Ltd. provides complete Time and Attendance Solutions including Biometric terminals and software.



Specifications

Fingerprint Reader:

Model Name:	FingerKey DX
Size:	13.49cm(W) x 12.78cm(H) x 7.75cm(D)
Power:	12 VDC \pm 10% Reg. 0.5AMP max (Boot) 12 VDC \pm 10% Reg. 0.2AMP Nominal
Weight:	0.57Kgs.
Verification Time:	2 seconds, typical
Memory Retention:	Up to 2 years via internal lithium battery
ID No. Length:	1 – 15 digits from keypad/card reader
Baud Rate:	RS-232, RS-485 (4800, 9600, 19200, 28800, 38400, 57600)
Communications:	RS232, RS-485, Ethernet Option
User Capacity:	50 users standard upgradeable to 100
Optional	Ethernet Communication Module Modem Module GSM Communication Module Operational Battery Backup

Specifications are subject to change.

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