

F1000

TECHNICAL SPECIFICATIONS










F1000 is Smart attendance & access control terminal for high quality fingerprint / face image acquisition, biometric template coding, and fingerprint / face matching covering a wide range of applications in commercial and governmental environments.

Bio Secure biometric terminals are particularly adapted to controlling and managing remote workforce time and attendance. Our range of products, encompassing fingerprint, face and contactless technologies, is backed by a solid experience across industries and a dedicated R&D team.

F1000 is Wifi and Web enabled device employing highly secured XML based communication protocol to handle multi location device management over web/cloud based network infrastructure.



Processor	Arm 9 Processor
Operating System	Linux
Display	2.8 inches color TFT LCD resolution 320×240
Keypad	16 Keys
Communication	USB / Wi-Fi / TCP / IP
Access control	Lock, Push button, Tamper Switch & Alarm function, Weigand Input & Output
Power Input	12 V 1A
Battery	3 Hrs Power Backup (for attendance only)
Fingerprint Sensor	500 DPI Optical Sensor
Card Reader	EM Card reader (Mifare Optional)
Algorithm	High speed Face & Fingerprint Algorithm
Capacity	10000 Fingerprints, 1000 Face, 10000 RFID cards
Logs Capacity	100,000
Firmware	Interactive GUI for standalone T&A/Access Control operations with optional touchscreen support
Software SDK Support	Microsoft .Net SDK
Web SDK Support	Microsoft ASP.Net SDK
Software	Desktop / Web based software on Microsoft Windows
Dimensions	180*145*45 (mm)
Housing	Housed in Rugged Polycarbonate ABS case
Weight	380gms
Operating Conditions	Temperature: 0-50 Degree Celsius Humidity: 5-95% RH (Non Condensing) EMI/EMC Compliant

		
FACE 1,000	CARD 10,000	FINGER PRINT 10,000
		
PASSWORD	BATTERY - 3HRS	WIFI
		
TCP / IP	RS 232 / 485	USB