

Technical Specifications

Processor	32 bit ARM MCU	Physical Features	
Data Transfer	GSM (GPRS) with internal antenna (External Antenna Optional)	Dimensions	163 mm (L) x 70 mm (W) x 143 mm (H)
Protocol Integration Options	Ethernet 10 Mbps/100 Mbps	Weight	550 gms
	Wi-Fi: 802.11 (b/g/n) Optional	Fingerprint	
	TCP/IP, FTP	Sensor	Optical (Capacitive Optional)
LCD	6 I/Os (3 Analog + 3 Digital)	Image	210 x 250 (pixel)
	RS-232, RS-485 (Optional with external device)	Resolution:	500 dpi
Resolution	Serial Printer Interface (optional)	Template Capacity	496 Bytes
	2.9” backlit TFT		Upto 3000 users (Customized No Limit)
Visual Area	Dot Matrix, 128x64 pixels	FAR	< 0.001% (Security Level 3)
Active Area	70.7 mm (W) x 38.8 mm (H)	FRR	< 0.1 % (Security Level 3)
	66.52 mm (W) x 33.24 mm (H)	Authentication Mode	1:N
Memory	Internal Memory: 2 Mb	Verification Time	< 1 sec
Username	External Memory: 2GB SD Card	RFID*:	
	10 digits	Operating Frequency:	13.56 MHz
PIN	4 digits	Supported Cards:	Mifare1K/4K
Keypad	16 keys + 10 function keys	Optional	Standard EM RFID, Ultra light, Mifare Plus
Speaker	Inbuilt	Authentication Mode	DESfire EV1, TYPEB CPU, Felica, ISO7816, NFC
Mic	Inbuilt		
Notifications	LED Strip & Audio Buzzer	Capacity:	100,000+
Internal Battery	7.4V 2400 mAh	Log Capacity	5,000 entries (expandable)
Input Voltage	12V DC		
Environmental Conditions			
Working Temperature	-10 °C to 60 °C	Working Humidity	20% - 80% Non-condensing
Storage Temperature	-20 °C to 80 °C	Storage Humidity	< 90%
Accessories:	Data Wall Mounting Plate SIM + 3 screws SD Card 2GB Internal (Optional) Battery	Adapter: Input 220 V AC, Output 12V DC 1.5A Shade (Optional)	
Authentication Modes	7 (Mode 1: FP, Mode 2:RFID, Mode 3:PIN, Mode 4:FP+PIN, Mode 5:FP+RFID, Mode 6:PIN+RFID, Mode 7:FP+RFID+PIN)		
Note:	* Only for models including RFID		