vantage
keeping you safe

ACCESS & TIME
MANAGEMENT SYSTEM

VV-BS810FP-CBAZ1
FINGERPRINT TA SYSTEM WITH ACCESS CONTROL & BATTERY BACKUP

FEATURES

Scratch Proof optical sensor

High resolution 600 dpi optical sensing

360° verification angle

3.5" Color LCD screen

TCP-IP network connectivity

USB connectivity for communication and data backup

High performance sensing with <1s identification time

Access control functions

Inbuilt battery backup

3.5" Color LCD Display	Battery Backup	TCP/IP	Access Control	USB

CE FC RoHS

VV-BS810FP-CBAZ1

Hardware & Platform	CPU	32 bit Microprocessor
	Memory	64M RAM, 256M Flash
	Sensor	Scratch proof High performance optical sensor
	DPI rating	600 dpi resolution
	Sensor area	16mm x 14mm
	OS	Embedded Linux OS
	Operation mode	Offline
	Display	3.5" Color LCD screen
	Keypad	Alpha-numeric backlit keypad
	Indicators	Audio visual indication , with dual color LEDs
Operation Capacity	Fingerprint templates	3000 users
	Card Ids	3000 users
	Transaction capacity	100000 logs
Verification	Verification angle	360° verification angle
	FAR	< 0.0001%
	FRR	< 1%
	Verification time	< 1s
	Algorithm	Advanced Smart finger algorithm V 15.0
	Authentication modes	Fingerprint only/ Fingerprint + PIN/ Fingerprint + EM Card
Operational Features	Backup Battery	Inbuilt battery backup for upto 6 hours standby time
	Real time Clock	Supported
	Voice notification	Supported
	Card Reader	Inbuilt 125 Khz EM card reader (Mifare reader optional)
	Languages	Multi-language support
	Card Reader Range	3-5 cms read range
	Door bell function	Supported
	Access control support	Door Relay Access control function with NO-NC support
	Exit Switch support	Exit switch NO type support
	Access Time Zones	50 Access Time Zones
	Function keys	6 number user defined function keys
Communication	Ethernet	TCP/IP 10/100 ethernet interface
	USB	USB 2.0 for communication and data backup
	RS 485	Supported
	Wiegand	Wiegand in and out
Power	Power requirement	DC 12V, 1.5A
Environmental	Operation temperature	0° to 50°C
	Operating Humidity	upto 90% (non condensing)
Mechanical	Construction material	ABS plastic
	Dimensions	221.7x159.5x42.9mm
Certifications	Certifications	CE, FCC, ROHS

*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Weights and measurements are approximate and may vary.