vantage
keeping you safe

FACE RECOGNITION
ACCESS CONTROL SYSTEM

VP-BS8027FR-CAT1
LONG RANGE FACE RECOGNITION TIME ATTENDANCE SYSTEM

FEATURES

Flexible access management terminal with wide range of user authentication including facial recognition, RFID card

Highly secure contact-less entry with long rage face recognition for employees and visitors

Advance facial algorithms for accurate recognition with mask detection and anti-spoofing face liveness detection

Equipped with full HD dual lens camera and interactive user interface 7 inch LCD screen

Stores up to 30,000 face comparisons and 10,000 face images, with face picture database management via a web interface

Built-in high-efficiency white LEDs provide light compensation in low-light environments

Network integration via TCP/IP for enhanced access control management

7" LCD Screen	RFID Card	TCP/IP	Long Range Face Recognition

CE FC RoHS

SPECIFICATIONS:

VP-BS8027FR-CAT1

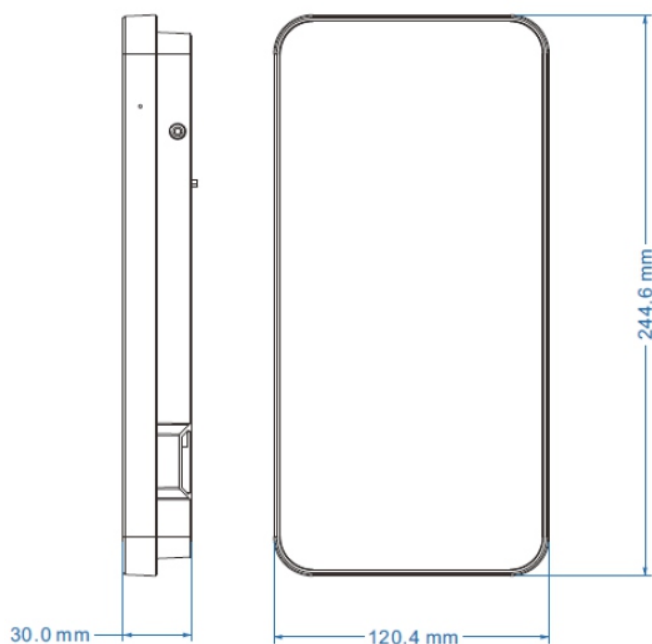|		
Hardware & Platform	OS	Embedded Linux
	Operation Mode	Offline/Online
	Display	7" Capacitive LCD screen
	Screen Resolution	600×1024
	Brightness	280cd/m²
	Camera	2MP dual lens
	Illuminator	White light distance: 0.3-1m soft light IR light distance: 0.3-2m
Operation Capacity	Face Templates	40,000 user
	Card	10,000 users
	Transaction Capacity	30,000 logs
Facial Algorithm Based Intelligent Function	Face Recognition Distance	0.3m-1.5m (the recommended face recognition distance is from 0.5m to 1m)
	Height Range of Face Recognition	1.2m-2.2m (the recommended installation height is 1.45m, based on the user's height of 170cm)
	Face Detection	Pupil distance of a facial image over 20 pixel can be detected
	Face Capture	Optimal face image output by precise detection, tracing, capturing, computing and screening the moving faces
	Original Image Capturing	Supports original image capturing and overlaid information (like device ID, time, etc.)
	Face Picture Database	10,000
	Face Comparison Storage	30,000
	Face Mask Detection	Supported
	Database Management	Face pictures can be added, modified or deleted in the face database
	Face Picture Adding	Adding face pictures through WEB and face album manager tool
	External Face Picture	Size: less than 200KB,format: JPG/JPEG
	Face Comparison Alarm	Face detection alarm, allow list, block list and stranger alarm
Card Reader	Card Type	Mifare card /Desfire card/FM1208 Card/Gicard
	Card Reading Protocol	ISO14443A/B
	Card Reading Frequency	13.56MHz
	Card Reading Duration	<1s
	Card Reading Distance	0~3cm
Verification	FAR	< 0.001%
	FRR	<0.1%
	Verification Time	< 0.3s
	Verification Mode	1:1; 1:N
	Face Recognition Accuracy	>98.9%
	Face Recognition Time	≤0.2 sec
	Face Recognition Distance	0.5~ 2.5 meters
Communication Interface & Functions	Authentication Modes	Dynamic facial recognition & RFID card
	Image Stabilization	WDR, BLC, HLC, 2D/3D NR, Defog
	Voice Notification	Supported
	Real Time Clock	Supported
	Network	RJ45 TCP/IP 10/100 Ethernet port
	Audio	Built-in MIC×1, built-in speaker×1
	Door Lock Output	1 Channel
	Exit Button	1 Channel
	Door Contact Input	1 Channel
	Anti-Tamper Interface	1 Channel
	Reset Button	Supported
	Alarm	1 Channel input; 1 Channel output
	Wiegand Interface	Supported (Wiegand 26/34 input or output configurable)

SPECIFICATIONS:

VP-BS8027FR-CAT1

	Network Remote Storage	Supported
	Remote Monitoring	Web client/CMS remote control
	Online Connection	Supports simultaneous monitoring for up to 4 users Supports multi-stream real time transmission
	Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, UPnP, HTTPS, HTTP
	Interface Protocol	ONVIF
Power	Power Requirement	DC12V/1A
	Power Consumption	< 12W
Environmental	Working Temperature	-20°C - +50°C
	Operating Humidity	<95% (non-condensing)
	Dimension	244.6×120.4×30mm
	Installation	Wall mounting, Pole bracket mounting, Desktop bracket Mount, Floor-Standing Mount
Certifications	Certifications	CE, ROHS

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

DIMENSIONS
Unit: mm

30.0 mm   120.4 mm   244.6 mm