vantage
keeping you safe

FACE RECOGNITION
ACCESS CONTROL SYSTEM

VP-BS4013FP-CAWT1
FACE RECOGNITION TIME ATTENDANCE SYSTEM

FEATURES

Standalone access control terminal with wide range of user authentication including facial recognition, card and password

Advance facial algorithms for accurate recognition with face liveness detection to prevent spoofing

Equipped with full HD dual lens camera and interactive user interface 3.5-inch LCD touch screen

Stores up to 10,000 face comparisons and 3,000 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 or Wi-Fi for enhanced access control management

3.5"Touch Screen	Face Detection	Touch Screen	TCP/IP	WiFi

CE FC RoHS

SPECIFICATIONS:

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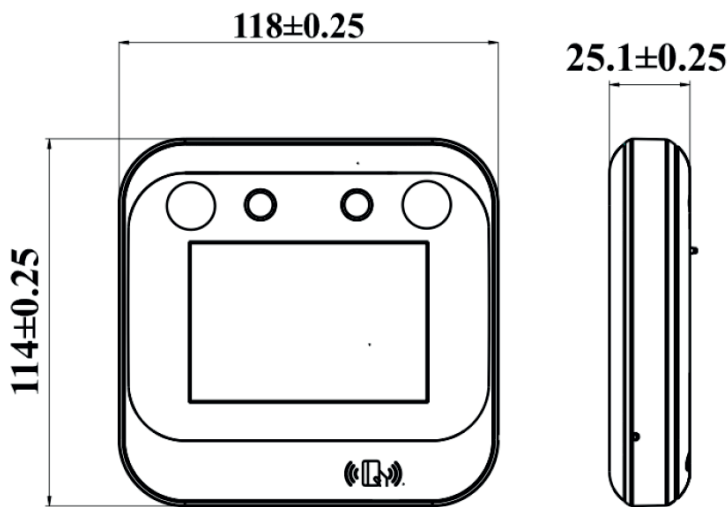|		
Hardware & Platform	OS	Embedded Linux OS
	Operation Mode	Offline/Online
	Display	3.5" Capacitive LCD touch Screen
	Screen Resolution	320×480
	Brightness	250cd/m²
	Camera	Dual lens 2MP built-in camera
	Illuminator	White Light Distance: 0.3-0.5m IR Light Distance: 0.3-1m
Operation Capacity	Face Templates	3,000 user
	Card	3,000 users
	Password	3,000 users
	Transaction Capacity	10,000 logs
Facial Algorithm Based Intelligent Function	Face Recognition Distance	0.3m-1.5m (the recommended face recognition distance is from 0.5m to 1m)
	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	3,000
	Face Comparison Storage	10,000
	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, PIN, face & PIN combination, card
	Image Stabilization	WDR, BLC, HLC, 2D/3D NR
	Voice Notification	Supported
	Real Time Clock	Supported
	Network	RJ45 TCP/IP 10/100 ethernet port
	Wi-Fi	Supports 2.4G Wi-Fi network
	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
	Wiegand Interface	Supported (Wiegand 26/34 input or output configurable)

SPECIFICATIONS:

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	Storage	Network remote storage
	Cloud Technology	Supported
	Remote Monitoring	Web client/CMS remote control
	Online Connection	Supports simultaneous monitoring for up to 3 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
	PoE	Supported
Environmental	Working Temperature	-20°C - +50°C
	Operating Humidity	<95% (non-condensing)
	Dimension	118mm×114mm×25.1mm
	Installation	Wall mounting; desktop
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

118±0.25
114±0.25
25.1±0.25