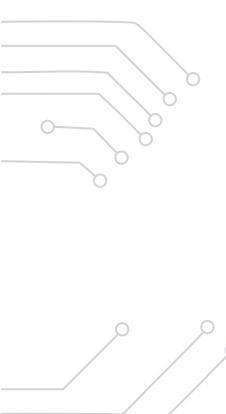**vantage**
keeping you safe

ACCESS & TIME
MANAGEMENT SYSTEM

VV-BS858FR-CABT5
DUAL AUTHENTICATION FACE RECOGNITION + FINGERPRINT SYSTEM

FEATURES

Multi-mode biometric verification time & attendance access control system

Long range live face detection distance of up to 8 feet supported

4.3" high definition LCD display with capacitive touch screen user interface

Dynamic biometric recognition modes support face, fingerprint, PIN and RFID cards

User capacity of up to 5,000 face and 10,000 fingerprint templates

Alarm notification through voice prompts & software alerts

Centralized web-based time attendance & access control software application for real-time data & reports management

4.3" Touch Screen Display	Battery Backup	TCP/IP	Access Control	USB

CE FC RoHS

VV-BS858FR-CABT5

Parameter	Specifications
Operation System	Embedded Linux OS 3.10
CPU	Single-Core ARM Cortex-A7, 800G
NPU	Integrated AI neural processing unit
RAM	256 MB DDR3L
ROM	4 GB eMMC
Display Resolution	4.3 Inch
Screen Technology	Capacitive LCD IPS touch screen
User Interface	Touch based OSD menu
Dual Camera Technology	Dual face recognition 2MP Full HD 1080p Color Camera, 2MP Full HD 1080p Infrared Camera
WDR	Wide dynamic range, supporting accurate face recognition under strong light , dark light and backlight
Dark Ambience Control	LED fill light/ dual high power infrared LED light (automatic control according to ambient lighting condition)
Face User Capacity	5000
Face Recognition Distance	0.5~2.5 meters (0.5~1.5 meters live face recognition)
Face Recognition Accuracy	99.70%
Face Anti Spoofing	Dual camera anti-counterfeiting, prevents recognition with photo/video
Identification Technology	Multi-task cascaded convolutional Neural Network (MTCNN) face algorithm to detect, align, and extract facial features from digital video stream for dynamic face detection, tracking and recognition
Face Mask Detection	Alerts for face mask supported
Fingerprint Template Capacity	10,000
Card Capacity	5000
Transaction Capacity	5,00,000
Password Capacity	5000
Multi-Mode Verification	Dynamic face recognition, fingerprint/ palm veins/ password, ID/IC card optional
Identification Mode	1:1, 1:N
Recognition Speed	≤ 0.2 sec, support single user /multi user (at most 5 users)
FRR	<0.1%
FAR	<0.001%
Recognition Prompt	Supports audio & visual message on successful recognition with name and user ID displayed on screen
USB	USB 2.0 x 1, supports U disk import/export data, including shift schedule
Built-in Battery	7.4V, 2000mA (optional)
Network Communication	TCP/IP, supports LAN communication, Wi-Fi (optional), USB Type A
Access Control Interface	Lock output doorbell output/external ring Weigand input/output
Power Supply	DC 12V 1A
Working Temperature	0°C~45°C
Working Humidity	90% or less non condensing
Installation Options	Standard: Wall mount, desktop stand; Optional: bracket for flap barrier/ turnstiles, floor stand
Dimension	299x161x20mm
Weight	0.8kg
Certifications	CE, FCC, 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 due to customized solutions & products being offered as per customer requirements.