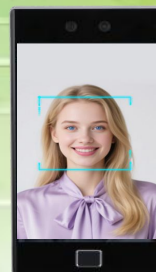




VN-CUK9435M-Y

7-inch Face Recognition Access Controller



Scene

It is widely used in parks, communities, business centers and factories, and ideal for places such as office buildings, government buildings, schools and stadiums.

Technical Specification

System

Main Processor	Embedded Processor
Button Type	Touch button
Network Protocol	UDP;TCP;IPv4;RTSP;SIP;P2P;RTP
OSDP Protocol	Yes
Interoperability	CGI;ONVIF
SDK and API	Yes

Basic

Product Type	Standalone
Display Screen	7" LCD
Screen Type	Capacitive Touchscreen
Screen Resolution	600 (H) × 1024 (V)
Camera	1/2.8" 2-MP CMOS HD dual-lens camera
WDR	DWDR
Light Compensation	Auto IR
Voice Prompt	Yes
Casing Material	Tempered glass; PC

Function

Unlock Method	IC Card; remote; password; face; combination unlock; extension modules (fingerprint; QR code; face; face + QR code; fingerprint + QR code)
Card Type	IC Card
Period List	128 Periods
Holiday Period	128 Periods

Features:

- 7-inch LCD with 600 × 1024 resolution and a 2-MP dual-lens CMOS camera.
- Capacity for 50,000 users, faces and passwords, 100,000 cards, 50 administrators and 300,000 records.
- Face, IC card and password credentials; QR and fingerprint options through extension modules.
- Face recognition operates from 0.3 to 3.0 m for people 0.9 to 2.4 m tall.
- Deep learning analyses more than 360 facial points and verifies each face in 0.2 seconds without contact.
- Face-mask and safety-helmet detection, with image and video advertising.
- Optional fingerprint, QR-code and combined fingerprint/QR extension modules.
- Processes up to six faces simultaneously

Network Update	Yes
First User Unlock	Yes
Remote Verification	Yes
Restricted List/Trusted List	Yes
Wi-Fi	IEEE 802.11b/g/n; 2.400–2.472 GHz
Advertisement Playing	Support graphic advertisement play
Peripheral Card Reader	1 × RS-485 port; 1 × Wiegand port
Multi-user Authentication	Yes
Real-time Monitoring	Yes
Multi-factor Authentication	Yes
Capture Function	Yes
Web Configuration	Yes
Auto Registration	Yes

Performance

IC Card Encryption	Yes
Card Reading Distance	0 cm–4 cm (0"–1.57")

Face Recognition Height Range	0.9 m–2.4 m (2.95 ft–7.87 ft)
Face Recognition Distance	0.3 m–3.0 m (0.98 ft–9.84 ft)
Face Recognition Accuracy	99.9%
Face Recognition Time	0.2 s
Supported Codes	QR code
Code Type	Electronic code; Printed code
Code Recognition Accuracy	Recognition rate: >80% Accuracy: >90%

User

User (Card) Type	General users, patrol users, blocklist users, VIP users, guest users, custom user 1, custom user 2, and other users
------------------	---

Capacity

User Capacity	50,000
Face Image Capacity	50,000
Card Capacity	100,000
Password Capacity	50,000
Record Capacity	300,000

Port

RS-485	1
RS-232	1
Wiegand	1 (input or output)
USB	1 × USB 2.0 port
Network Port	1 × RJ-45 10/100/1000 Mbps Ethernet port
Alarm Input	2 (digital quantity)
Alarm Output	1 (relay)
Alarm Linkage	Yes
Exit Button	1
Door Status Detection	1
Lock Control	1

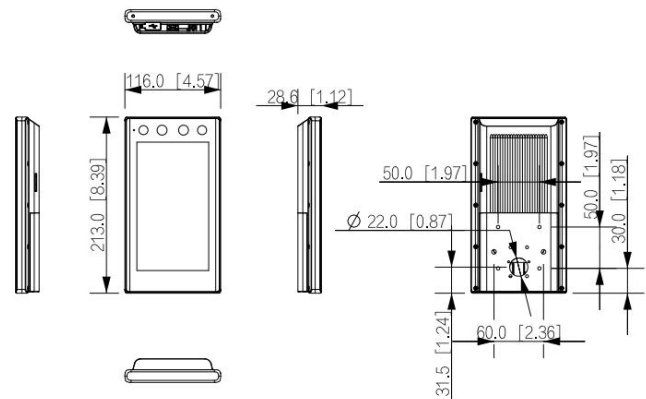
Alarm

Anti-pass Back	Yes
Tamper Alarm	Yes
Duress Alarm	Yes
Door Sensor Timeout	Yes
Intrusion Alarm	Yes
Illegal Card Exceeding Threshold	Yes

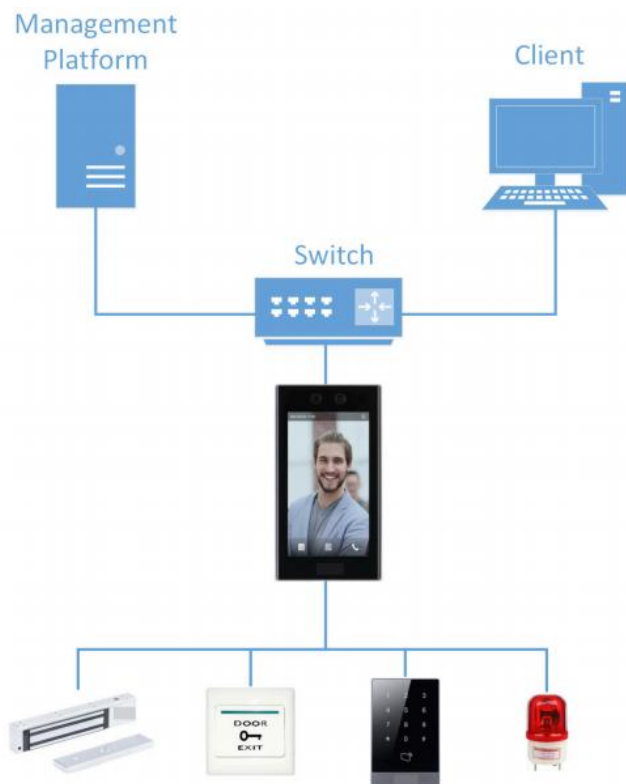
General

Power Adapter	Included
Power Supply	12 VDC, 2 A
Protection	IP65
Power Consumption	≤6 W (standby), ≤12 W (working)
Product Dimensions	213 mm × 116 mm × 28.6 mm (8.39" × 4.57" × 1.13") (H × W × D)
Packaging Dimensions	Carton: 330 mm × 148 mm × 111 mm (12.99" × 5.83" × 4.37") (H × W × D) Protection box: 585 mm × 320 mm × 360 mm (23.03" × 12.60" × 14.17") (H × W × D)
Operating Temperature	−30 °C to +60 °C (−22 °F to +140 °F)
Operating Humidity	0%–90% (RH), non-condensing
Operating Altitude	0 m–1,300 m (0 ft–4,265.09 ft)
Operating Environment	Outdoor
Gross Weight	1.2 kg (2.65 lb)
Accessory	Included: Wall mount bracket
Installation	Turnstile Mount; 86 case mount; Wall; Floor Bracket Mount

Dimensions (mm[inch])



Application



Application Configuration

Door-control accessories	Magnetic lock, matching lock bracket, dedicated lock power supply and exit push button
Magnetic Locking	VN-CUH402C for single doors or VN-CUH402D for double doors
Lock Mounting	VN-CUH402W-X3 brackets for the glass-door installation
Lock Power Supply	VN-RHO566F-4CH
Exit request device	VN-CUH122 Exit Push Button
Management Platform	VN-VMS-PRO
Integrated Access Functions	Access-rule configuration, current access-record display and historical access-record search