



VN-CUID135U-R

Swing Barrier (Right, Indoor, Entry Verification)



Scene

It is highly suitable for scenes such as compounds, office buildings, banks, hospitals, tourist attractions, schools and communities.

Technical Specification

System

Main Processor	Embedded Processor
SDK	Yes

Basic

Product Type	Swing Barrier
Motor Type DC	DC brushless servomotor
Status Indicator Light	Red Strobe – Abnormal Status; Solid Green – Always Open; Solid Blue – Working Status; Green Strobe – Authorized Status
Voice Prompt	Yes
Main Materials of Cabinet	Aluminum Material
Surface Treatment	anodic oxidation
Number of Turnstile Card Reader	1
Display Screen	7-inch display; 1 screen
Screen Type	Capacitive Touchscreen
Screen Resolution	600 (H) × 1024 (V)
Camera	1/2.8" 2-MP CMOS dual-lens camera that offers WDR functions and high definition imagery
Light Compensation	Auto IR

Function

Auto Registration	Yes
Verification Method	QR Code; Remote; Face Recognition; IC Card
Advertisement Playing	Plays advertisements in video and image format
Capture Function	Yes

Features:

- 7-inch LCD with 600 (H) × 1024 (V) resolution and a 2 MP dual lens CMOS camera with WDR; the image sensor enables recognition in low light without additional illumination.
- Stores 100,000 users including 50 administrators, 500,000 cards, 100,000 faces and 1,200,000 records; QR-code and other credential options.
- Android operation with registration and removal of personnel authorizations.
- Liveness detection rejects attempts that use photographs or video.
- Aluminum cabinet and brushless DC servomotor; 20 pairs of IR curtain sensors and 10 pairs of IR detectors.
- Closes automatically if no one enters within the set time, and opens the barrier on power failure.
- Audible and visual alarms with passage-status lights.
- Acrylic passage widths from 600 to 1,500 mm; the standard acrylic arm is 600 mm wide and 885 mm high.
- At least 20 million cycles between failures.
- Mechanical and infrared anti-squeeze, anti-collision protection and intrusion blocking.
- Nine combinations of controlled, prohibited and free entry/exit modes.
- Adjustable unlock/lock speed, passage duration and lock delay; remain-open fire passage.
- People counting, secondary authentication and passage memory for entry and exit.

RFID

Card Type	IC Cards
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Performance

MCBF	≥20 million times
Card Reading Distance	0–5 cm
Passage Width	Acrylic: 600 mm -1,500 mm (23.62" -59.06"); Tempered Glass: 600 mm -900 mm ([23.62" - 35.43"] Customize for use)
Passing Speed	20–60 persons/min. It is affected by the interval between the passage of persons and the type of passing mode.

Max Custom Passage Width	Acrylic: 1,500 mm (59.06"); Tempered Glass: 900 mm (35.43")
Passing Speed	20–60 persons/min. It is affected by the interval between the passage of persons and the type of passing mode.
Unlock/Lock Speed	≥0.5 sec
Pairs of IR Curtain Sensors	20 pairs
Pairs of IR Detectors	10 pairs
Top Cover Thickness	≥3.8 mm (0.15")
Supported Codes	QR Code
Code Type	Printed QR code, digital QR code
Frame Thickness	≥3.2 mm (0.13")
Barrier Material	Acrylic
Face Recognition Height Range	1.2 m–2.4 m (3.94 ft–7.87 ft)
Face Recognition Distance	0.3 m–3.0 m (0.98 ft–9.84 ft)
Face Recognition Accuracy	99.90%
Face Recognition Time	0.2 s
Max. Height of Customized	Barrier Acrylic: 885 mm (34.84"); Tempered Glass: 1,800 mm (70.87")
Standard Height of Barrier	Acrylic: 885 mm (34.84")

Capacity

User Capacity	100,000
Card Capacity	500,000
Record Capacity	1,200,000
Face Image Capacity	100,000

Port

Network Port	1-channel self-adaptive 10/100 Mbps Ethernet port
Fire Port	1
Entrance Unlock Port	1
Exit Unlock Port	1

Stay Overtime Alarm

Stay Overtime Alarm	Yes
Tailing Alarm	Yes
Intrusion	Yes
Reverse Intrusion Alarm	Yes
Jumped Barrier Alarm	Yes
Abnormal Unlock Alarm	Yes

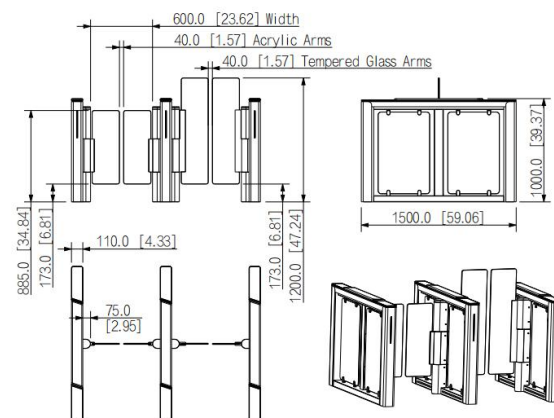
General

Power Supply	AC 100–240V, 1.5 A, 50 Hz or 60 Hz
Series	VN-CUID135U series
Power Consumption	120 W
Product Dimensions	1500 mm × 110 mm × 1000 mm (59.06" × 4.33" × 39.37") (R × W × H)
Module Protruding Size	75 mm (2.95")
Packaging Dimensions	1590 mm × 346 mm × 1083 mm (62.6" × 13.62" × 42.64") (× W × H)
Gross Weight	105 kg (231.49 lb)
Operating Temperature	–25 °C to +70 °C (–13 °F to +158 °F)
Operating Humidity	5%–90% RH
Operating Environment	Indoor
Storage Temperature	–25 °C to +70 °C (–13 °F to +158 °F)
Storage Humidity	5%–90% RH

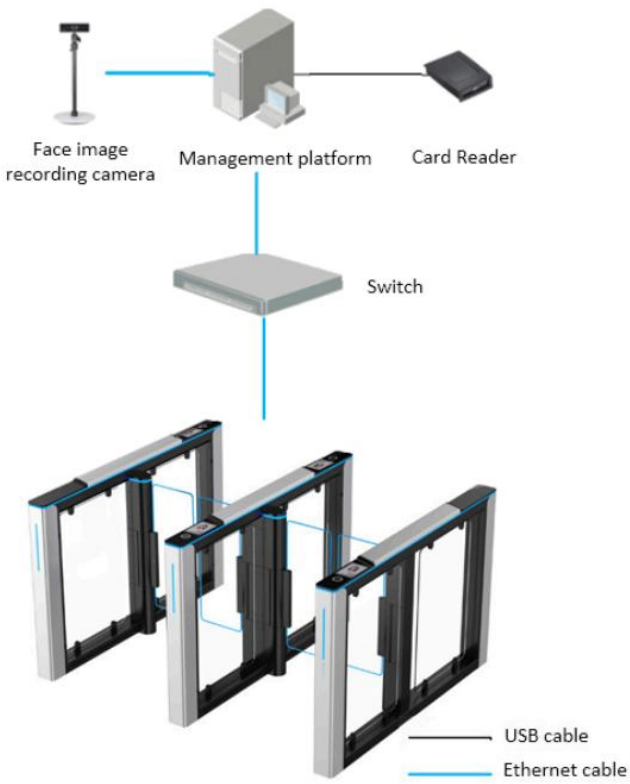
Ordering Information

Type	Model	Description
CUID135U Series	VN-CUID135U-R	Swing Barrier (Right, Indoor, Entry Verification)

Dimensions (mm[inch])



Application



Application Configuration

Passage operation	Bidirectional entry and exit
Accessible passage	Wheelchair and cart access within the configured lane opening
Associated side barrier	S304 stainless-steel supports and clear tempered glass with top covers, base plates and flange covers