DataSheet

JSL-A8 8-Inch Touch Screen SIP Intercom

Description

JSL-A8 is a Linux-based smart video intercom and access control terminal designed for building entrances and residential communities.
It supports multi-method authentication, seamless SIP-based communication, and reliable outdoor operation with IP65 protection, delivering secure and convenient access management.

Main Features

- Supports face recognition, IC card, NFC, PIN code, and mobile APP unlocking
- High-accuracy facial recognition, recognition distance up to 3 meters
- 8-inch HD IPS capacitive touchscreen (800 × 1280)
- 2MP dual-lens camera with infrared live detection
- Supports SIP protocol, intercom with indoor monitor, guard station, and third-party devices
- Ethernet standard, optional Wi-Fi with external antenna
- IP65-rated aluminum + tempered glass housing for outdoor use
- Supports remote management, OTA upgrade, NVR connection, and image advertising display

Specifications

System	
Operating System	Linux
Platform	Tuya Home
User Capacity	1–1000 users
OTA Upgrade	Supported
Display	
Display Size	8-inch
Display Type	IPS LCD
Resolution	800 x 1280
Touch Type	Capacitive Touch Screen
Camera	
Camera Type	Dual-lens camera
Sensor	2MP
Recognition Distance	Dynamic recognition: 0.5–3 m Infrared live detection: 0.5–1 m
Video	H.264 / H.265

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Audio	
Audio Codec	G.711
Speaker	8Ω / 1W
Ringtone Volume	⩾70 dB
Echo Cancellation	Supported
Access Control	
Authentication Methods	Face Recognition, IC Card, NFC, PIN Code
Card Type	13.56 MHz IC Card / NFC
Relay Output	1-way (expandable up to 4 channels)
Interface	
RJ45 Network Port	1
Power Input Port	1
Relay Signal Output	1
RS485 Port	1
Network	
Interface	RJ45 Ethernet
Protocol	SIP
NVR Connection	Supported
Wireless	Optional Wi-Fi (external antenna)
Power	
Power Supply	DC 12V
Power Consumption	< 10 W
General	
Material	Aluminum + Tempered Glass
IP Level	IP65
Working Temperature	-20° C to +50° C
Installation	Wall-mounted
Size	270 x 132 x 20 mm

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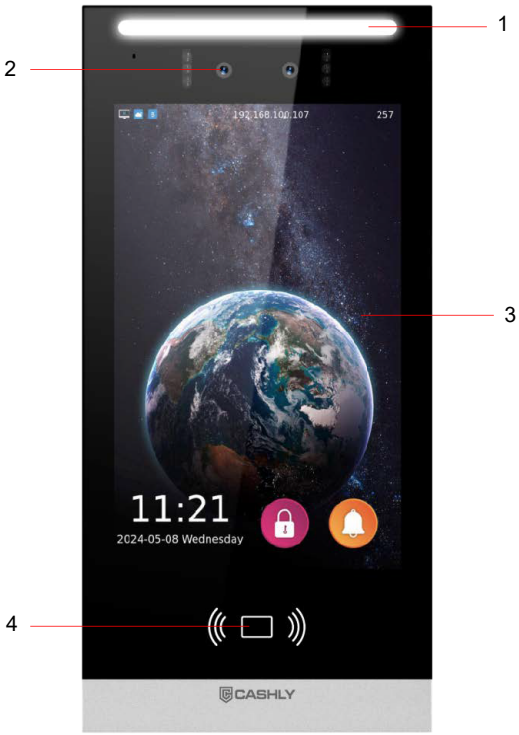
Appearance and Interfaces



NO.	Description
1	Compensation Light
2	Camera
3	Display
4	Card Reading Area

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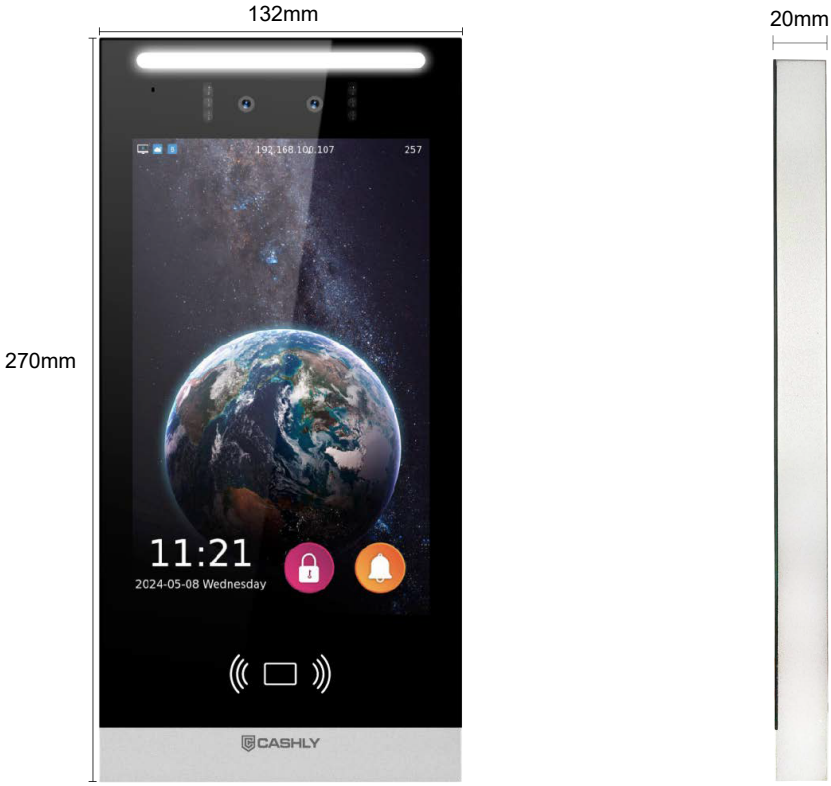
Dimension



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