

ESY-M0801

8" Facial Recognition Terminal

Features

- Display: 8" 800x1280 Resolution, 260 nits Brightness
- Touchscreen: Capacitive Touch Panel
- Housing: Aluminium Alloy Casing (Wall-Mount Supported by Default)
- Mainboard: RK3568, Android 11.0, 2GB RAM (Optional 4GB), 16GB Storage (Optional 32GB)
- Camera: Dual Wide Dynamic Range (WDR) Cameras (2MP)
- QR Code Scanner: Supports Barcode And QR code Recognition
- Card Reader: RFID
- Accessories: 12V 3A Power Adapter

Appearance





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Revision Table

Date	Revision	Content	By
2025/6/02	0.1	First Draft	Elio

ESY-M0801

8" Facial Recognition Terminal

Specification

Display	
Screen	8" LED Screen
Touch	Capacitive Touch Panel
Resolution	800x1280
Brightness	260 cdm2
Contrast	1000
Screen Scale/Display Area	16:9 Display Area: 172.08x107.17mm
Configuration	
CPU	Rockchip Quad Core Processor Cortex-A55, Clocked 2.0Ghz, RK3568
RAM	2 GB(4GB Options)
ROM	16 GB (32G/64G options)
System	Android 11.0
Network	
WIFI	802.11b/g/n
WIFI Antenna	2.4 G
Ethernet	10/100Mbps
Bluetooth	BT4.1
3G/4G	Support External 3G/4G USB Dongle (Not include built-in 3G/4G)
Port	
Relay	1xRelay (NO,COM,NO)
Uart	1xRS484
USB 2.0	1xUSB 2.0 Interface (Support U disk, Mouse, Keyboard, Printer Etc)
RJ45	1x10/100Mbps Ethernet (Support POE)
Wiegand	1xWiegand (12V, GND, D0, D1)
Power	1x5.5mm Power DC Jack

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Specification

Multimedia	
Video	Support MPED-1, MPEG-2, MPEG-4, H.263, H.264, RV, etc. (Max Support 1080P)
Audio	Support MP3, WMA, AAC And So On
Picture	JPEG, JPG
Other Parameters	
LED	Support R/G/B Color Change
Speaker	1x 2W Speakers
Camera	Double Camera 200W
Card	RFID Card Reader
NFC Function	Support
QR code	Support QR code
Facial Recognition	Algorithm Support (Optional)
OSD Language	English, Chinese, German, Spanish etc. OSD Operations
Software Support	Optional
Attachment	
Adapter	One, Specifications: 12V/3A



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Environment Compliance

Operating Temp.	-10°C To +50°C
Storage Temp.	-20°C To +70°C
Humidity	5% ~ 90%
Certification (Optional)	CE/FCC/UL

Environmental performance may vary according to the integration method or final integration scenario.

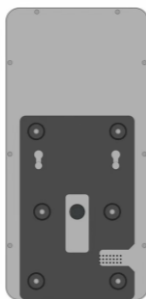
ESY-M0801

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Deliverables

1	8" Facial Recognition Terminal
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Reference



Ordering Information

Model Name	Description	Unit
ESY-M0801	8" Facial Recognition Terminal	1

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