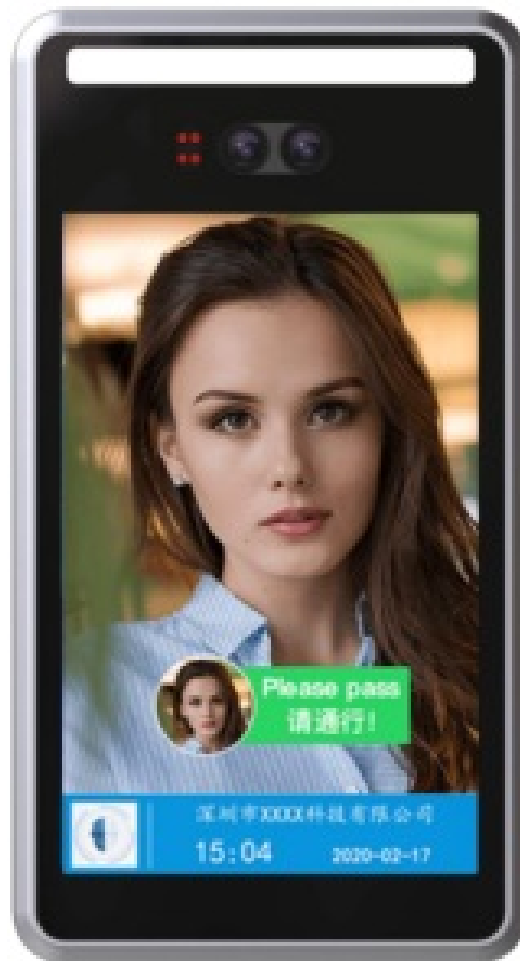


global sources D802 8-Inch Face Recognition Access Control Machine User Manual

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Product type

D802

Applicable scenarios

Widely used in office buildings, conference rooms, communities, factory parks, construction sites, hospitals, underground stations and many other area

Key features

- Support binocular live detectio
- Support for tracking and exposure of people's movement and face under strong backlight environment
- Unique face recognition algorithm, accurate face recognition, face recognition time is less than 0.5

- Built-in domestic CPU
- Using LINUX operating system, the system is stable
- H.265 encoding format video stream is directly connected to NVR and other storage devices through ONVIF protocol and GB28181 protocol
- Support TF card local storage, continuous storage of pictures for 1 year, continuous storage of videos for 1 month or longer (depending on the optional TF card capacity)
- Mean time between failures MTBF50000h Support 24000+ face comparison library and 160,000 recognition records
- Rich interface protocols, supporting TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, SMTP, UPNP, MQTT protocols under multiple platforms such as Windows/Linux
- Working temperature: -30-60
- IP66 waterproof and dustproof
- Rich hardware interfaces (I/O, WG26, WG34, RJ45, USB)
- 8-inch IPS full viewing angle high-definition display, no image smear, no delay
- Automatic gain and automatic white balance, so that the true color of the image can be restored naturally
- Built-in special black light sensor for video surveillance, low-light recognition is more accurate
- 3D noise reduction and fog penetration technology make the monitoring picture under low illumination more clear and delicate
- Support code stream and I frame interval setting ·Support partial shielding of video are
- Support ROI codin
- Automatic white balance, manual white balance ·Support the maximum exposure time setting
- Support mobile phone monitoring settings Support 2D noise reduction, 3D noise reduction
- Support recording plan time period and upload method setting Support video brightness, contrast, hue, saturation, gamma adjustment
- Support to set the longest automatic exposure time Supports intelligent face exposure and face intelligent enhancement settings

Specifications

Product number	D802
Hardware	
Processor	Dual-core Processor + 1G RAM + 16G EMMC
Operating systems	Embedded Linux operating systems
Storage	TF card storage support

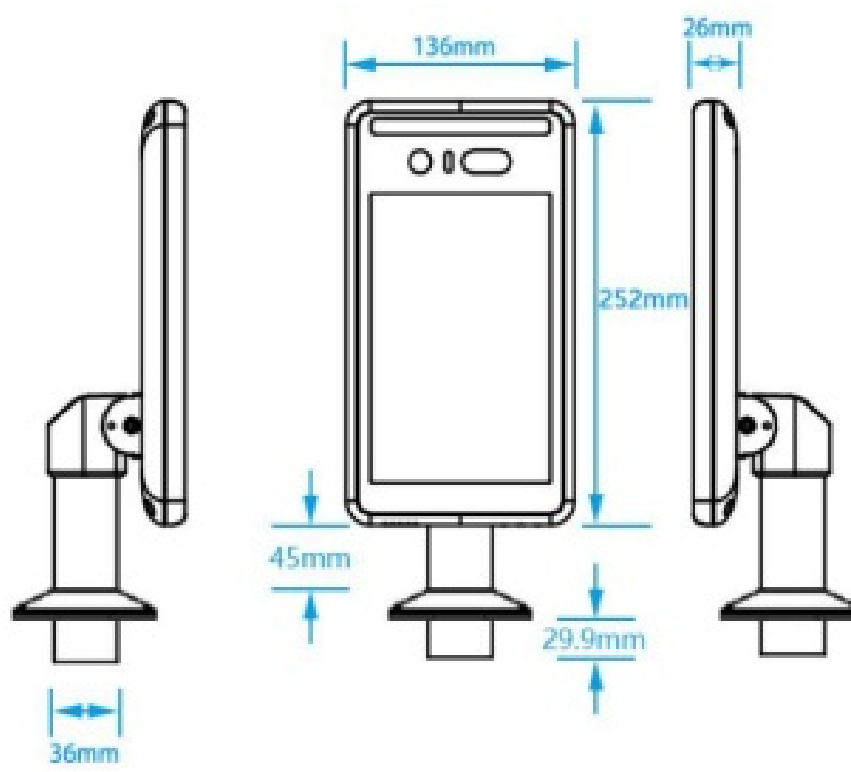
Perspectives	Vertical viewing angle: 30°; horizontal viewing angle: 30°
Imaging devices	1/2.8" Progressive Scan CMOS
Footage	6mm
4G Module	Optional
Wifi modules	Optional
Bluetooth modules	Optional
Speakers	Standard, voice playback content can be customised
Performance	
Recognition height	1.2~2.2m, angle adjustable
Identification distance	0.5~1.5m, variable depending on lens
Identification time	Less than 0.5 seconds
Storage capacity	160,000 records
Face capacity	24,000 sheets
Screen brightness	≥400 cd/m2
Interface	

Switching outputs	1 switch output, other GPIO ports can be custom wired	
Network Interface	1 RJ45 10M / 100M adaptive Ethernet port, customisable Gigabit port	
Wegen Interface	1 Weygand interface input, 1 Weygand interface output	
USB interface	1 USB port for device	
Communication interface	1 x RS485 interface	
Camera parameters		
Cameras	Binocular camera, visible and NIR, supports in vivo detection	
Effective pixels	2.1 effective megapixels, 1920*1080	
Minimum Illumination	Colour 0.01Lux @F1.2 (ICR); B&W 0.001Lux @F1.2 (ICR)	
Signal-to-noise ratio	≥50db(AGC OFF)	
Wide Dynamic	120db, isp algorithm face partial exposure	
Video Encoding	H.265 Main Profile encoding / H.264 BP/MP/HP encoding / MJPEG encoding	
Image resolution	Main Code Stream	50Hz: 25fps (1920×1080,1280×720)
		60Hz: 30fps (1920×1080,1280×720)

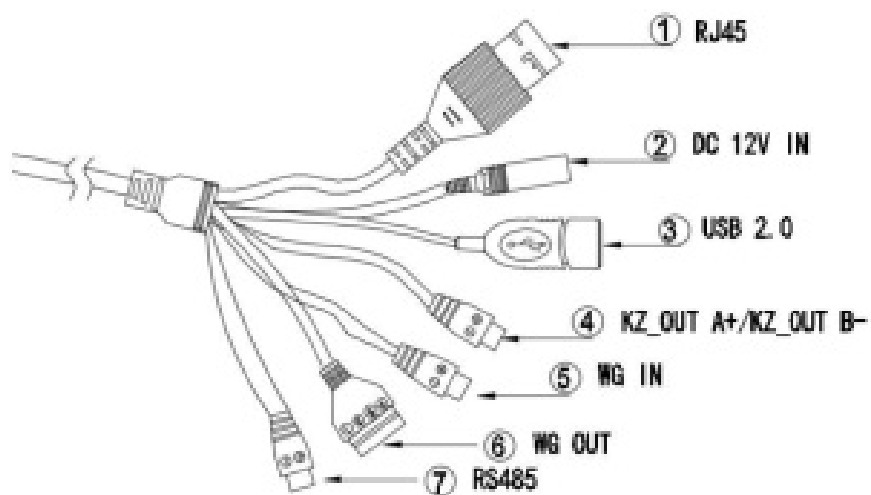
	Subcode stream	720*576,1-25(30)fps / 640*480,1-25(30)fps /320*240,1-25(30)fps
Function		
Web-side configuration	Support	
Remote upgrade of equipment	Support	
Deployment method	Supports public network and LAN use	
General parameters		
Operating temperature	-30℃ – +60℃	
Working humidity	0 to 90% relative humidity, non-condensing	
Salt spray grade	Rp6 or above	
Anti-static	Contact ±6KV, Air ±8KV	
Electricity supply	DC12V/2A	
Riot control level	IK06	
Protection class	IP66	
Equipment power	20W(MAX)	

Equipment size	252(length) * 136(width) *26(thickness)mm
Screen specifications	8 inch IPS HD screen
Column aperture	36mm
equipment weight	1.7kg

Product Size



Interface definition



Serial number	name	Quantity	Remarks
1	Network port	1	RJ45
2	power supply	1	DC12V IN
3	USB	1	USB 2.0
4	Switch output	1	Switch output interface A+/B-
5	Wiegand protocol input interface	1	① D0 ② D1
6	Wiegand protocol output interface	1	① vcc12V ② GND ③ D0 ④ D1
7	RS485	1	① 485- ⑤ 485+

Documents / Resources

