

8-inch Scan Code Card Verification All-in-one Machine

Product Features and Application Scenarios

Widely used in office buildings, communities, factories, schools, hospitals, subway stations and other fields



Key tfeatures



Swipe IC card

The users can use the card to scan to do the verification instead of the face. Also, it can do double verification, more secure



Swipe the QR code

Support QR Code, PDF417, ECC200, EAN13, Code128 and other two-dimensional codes and one-dimensional codes



Access Control

The iDISPLAY Thermometer can be synced with automatic doors, or ticketing systems to restrict entry access to people who have a fever.



Facial Recognition – Online & Offline

The Thermometer's facial detection not only facilitates contactless temperature taking, but also allows for facial capturing. Used to relay data and images of users with a fever, this feature enables seamless management in high traffic locations (optional recognition)



Height Options

Floor-standing and countertop models fit the needs of specific locations and heights of visitors

Main Features:

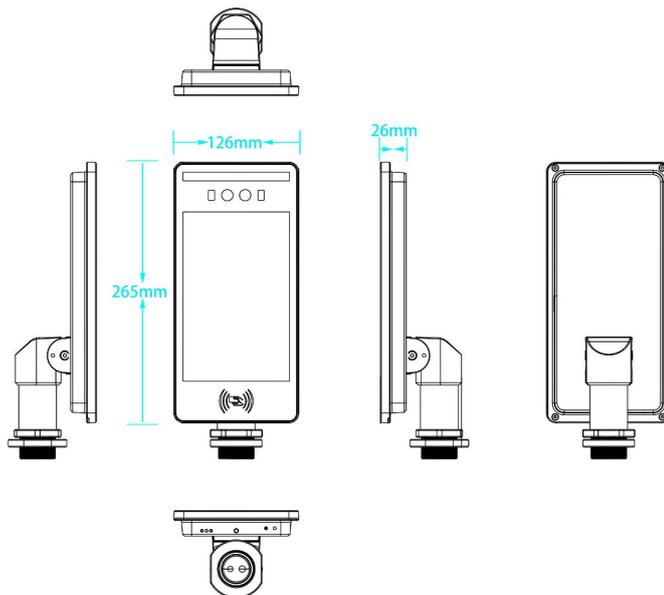
- Supports binocular in vivo detection
- Supports face tracking exposure of people in motion in strong backlight environment
- Unique face recognition algorithm, accurate face recognition, face recognition time less than 0.5s
- Uses LINUX operating system, system stability
- H.265 encoding format video stream through ONVIF protocol, GB28181 protocol directly connected to NVR and other storage devices
- Support TF card local storage, continuous storage of pictures for 1 year, continuous storage of videos for 1 month or longer (related to the capacity of the optional TF card)
- Mean time between failure MTBF > 50000h
- Support 10000+ face matching library and 60,000 recognition records
- Rich interface protocols, supporting TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, SMTP, UPNP, MQTT protocols under various platforms such as Windows/Linux
- Operating temperature: -30° C to 60° C
- IP66 level waterproof and dustproof
- Host built-in IC card module
- Equipment 2D code reading module
- Rich hardware interfaces (I/O, WG26, WG34, RJ45, USB, RS485)
- 8" IPS full-view high-definition display, no image trailing and no delay
- Automatic gain and automatic white balance for natural image true colour reproduction
- Built-in black light level sensor for video surveillance, more accurate recognition in low light level
- 3D noise reduction and fogging technology for clearer and more detailed surveillance images in low light levels
- Support code stream and I-frame interval setting
- Supports partial video area shielding
- Support ROI encoding

- Automatic white balance, manual white balance
- Supports maximum exposure time setting
- Support mobile phone monitoring setting
- Support for 2D noise reduction and 3D noise reduction
- Support video schedule time period and upload method setting
- Support for video brightness, contrast, hue, saturation, gamma adjustment
- Support for setting the maximum auto exposure time
- Support face smart exposure, face smart enhancement settings

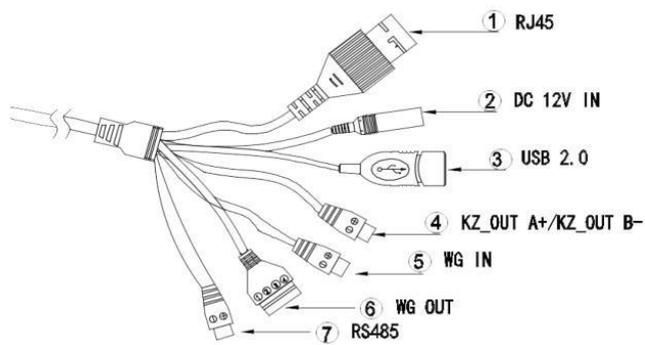
Installation method



Product Size



tframe Description:



Technical Specifications:

specifications	D808
hardware	
processor	Dual-core processor + 1GB RAM + 8GB flash memory
operating system	Linux operating system
storage	Support TF card storage
camera	Binocular, 2.1 million effective pixels, 1920*1080
Imaging device	1/2.8" Progressive Scan CMOS
The lens	6mm
Wifi module	optional, 2.4 GHz: IEEE802.11b/g/n/ac, 2.400 Ghz-2.4835GHz 5.0 GHz: IEEE802.11a/b/g/n/ac, 5.18GHz-5.845GHz
The bluetooth module	optional, Bluetooth V5.0 of 1,2 and 3 Mbps, 2402-2480MHz
QR code reading module	Support QR Code, PDF417, ECC200, EAN13, CODE128 and other two-dimensional Code and one-dimensional Code
Credit card module	Support reading ISO/IEC14443 protocol type-A, type-B class card, support ID UID and ID unique identification code
The speaker	Standard, voice playback content can be customized
performance	

Identify high	1.2~2.2 meters, adjustable Angle	
Identify the distance	0.5~1.5 meters, variable lens	
Face Angle	Around 30 degrees, up and down 30 degrees	
Identify the time	Less than 0.5 seconds	
Storage capacity	60,000 snapshots	
Face capacity	10000	
Swipe card type	13.56 MHz, support Mifare S50, S70 cards, Ultralight cards, NTAG cards, DESFIRE D21, D41, D81, contactless CPU cards	
interface		
Switching output	1 way switch output, other GPIO can be customized line	
The USB interface	1 USB interface as a device	
The network interface	1 RJ45 10M / 100M adaptive Ethernet port, can be customized gigabit network port	
Wiggins interface	1 Wigan interface output, 1 Wigan interface input	
Communication interface	1 channel RS485 interface	
Camera parameter		
The camera	Binocular camera, visible and near infrared, support in vivo detection	
Effective pixels	2.1 million effective pixels, 1920*1080	
Minimum illumination	Color 0.01 Lux @ pro series (ICR); Black and white 0.001 lx@f1.2 (ICR)	
Signal to noise ratio	≥50db(AGC OFF)	
Wide dynamic	120dB, ISP algorithm face local exposure	
Video coding	H.265 Main Profile /H.264 BP/MP/HP /MJPEG encoding	
Image resolution	The main stream	50Hz: 25fps (1920×1080,1280×720)
		60Hz: 30fps (1920×1080,1280×720)
	A stream	720*576, 1-25(30) frames/SEC /640*480, 1-25(30) frames/SEC 320*240 1-25(30) frames/SEC
Conventional parameters		

Working temperature	-30°C - +60°C
Working humidity	0 ~ 90% relative humidity, no condensation
Equipment power	20W(MAX)
Salt fog level	Rp6 magnitude
antistatic	Contact \pm 6kV, air \pm 8kV
The power supply	DC12V/2A
Riot level	IK06
Protection grade	IP66
The screen size	8 "HD IPS screen
The equipment size	265(L) * 126(W) * 26(T)mm
Equipment weight	1.7 kg

Application Scenarios



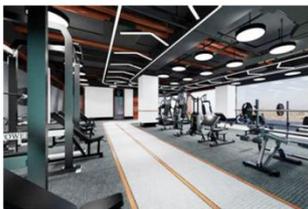
School



Office building



The mall



Gym



Factory



Retail