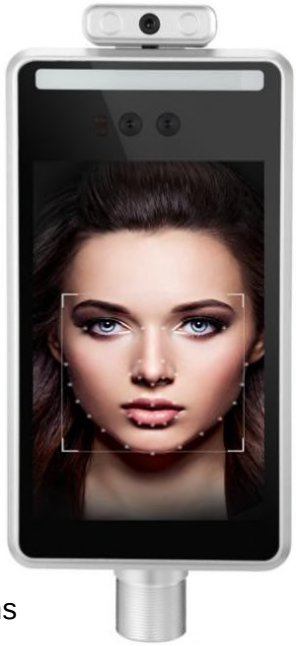
8" Temperature Measurement Face Recognition Terminal



Main Features:

- Support real time live detection
- Support tracking of personnel movements under strong backlight conditions
- Unique live face recognition algorithm to accurately recognize faces, face recognition time is less than 0.5s
- Using Linux operating system, better system stability
- The camera uses H.265 Main Profile encoding, compatible with NVR and other storage devices through the ONVIF protocol
- Mean time between failures MTBF>50000 H
- Support body temperature measurement and high temperature alarm
- Support temperature data interface protocol docking
- IP42 waterproof and dustproof
- Support 10000 face matching library and 80,000 face recognition records
- Rich interface protocol, support TCP/IP, UDP, RTP, RTSP, RTCP, HTTP, DNS, DDNS, DHCP, SMTP, UPNP, MQTT protocol, Windows/Linux
- Built-in light sensor, automatically adjust the opening and closing of the fill light
- Rich hardware interface （I/O, WG26, WG34, RJ45, USB）
- 8-inch IPS full-view HD display, no streaking and delay
- Support automatic gain control and automatic white balance

- 3D noise reduction and fog-passing technology makes the monitoring picture under low illumination more clear and delicate
- Support code stream and I frame interval settinx
- Support video area partial blocking
- Support ROI coding
- Support setting maximum exposure time
- Support 2D noise reduction, 3D noise reduction
- Support recording schedule time period and upload mode setting
- Support video brightness, contrast, hue, saturation, gamma adjustment
- Support setting the maximum auto exposure time
- Support face intelligent exposure, face smart enhancement settings

DETAIL IMAGE

Model	NFR0H-1
Hardware	
Processor	Dual Core Processor + 1G memory + 8G flash
Operating system	Linux Operating system
Storage	Support TF card storage
Viewing angle	Vertical viewing angle: 30°; Horizontal viewing angle: 30°
Sensor	1/2.8" Progressive Scan CMOS
Lens	6mm
Speaker	voice playback content can be customized
Measurement range	16℃ - 40℃ (Indoor without wind)
Temperature measurement Lens	European original lens
Sensors type	European imported sensors
Measurement accuracy	±0.3℃
Temperature resolution	0.1℃
Temperature measurement distance	≤40cm
Measurement response time	300ms

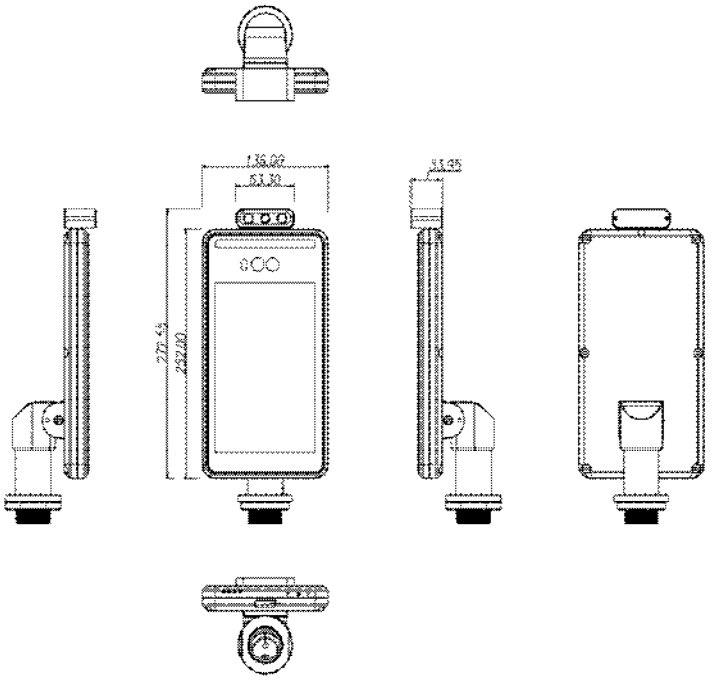
Function	
Web side configuration	support
Remote upgrade	support

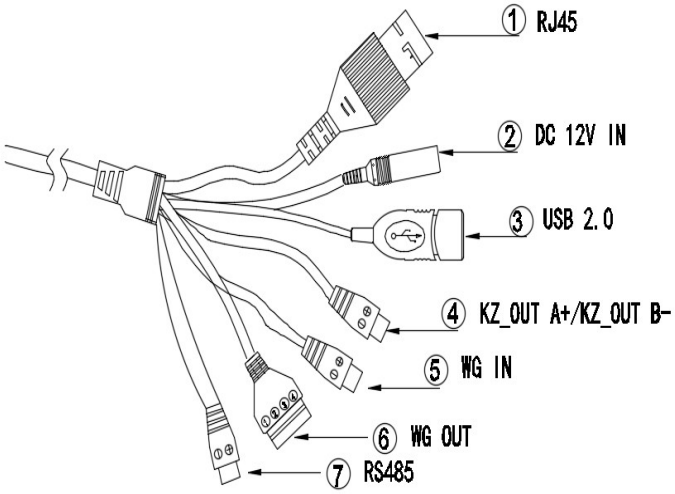
Performance	
Recognition height	1.2~2.2 meters, angle adjustable
Recognition distance	0.3~1.5 meters, depends on lens
Recognition time	Less than 0.5 seconds
Storage capacity	80,000 capture records
Face capacity	10,000pcs
Screen brightness	≥400 cd/m2

Interface	
Switching output	1 way switch output, other GPIO port can be customized
Network interface	1 RJ45 10M / 100M adaptive Ethernet port, Gigabit Ethernet port can be customized
Wiegand interface	1ch Wiegand interface input/output
RS485	There is an RS485 interface on the PCB board, but no lead
USB interface	1ch USB interface

Camera	
Camera	Dual cameras
Effective pixels	2MP, 1920*1080
Min Illumination	Color 0.01Lux @F1.2(ICR);B/W 0.001Lux @F1.2 (ICR)
SNR	≥50db(AGC OFF)
WDR	120db, ISP algorithm face partial exposure

Regular	
Working humidity	0～90% relative humidity, no condensation
Salt spray	level Rp6 or above
Antistatic	contact ±6KV, air ±8KV
Protection level	IP42
Power	DC12V/2A , 20W(MAX)
Column aperture	36mm
Equipment size	272 (L) * 136 (W) * 34 (T) mm
Screen size	8 inches IPS HD screen
Weight	1.7 kg





No.	Name	Quantity	Remark
1	Network	1	RJ45
2	Power	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 vcc12V ② GND ③ D0 ④ D1
6	Wiegand protocol output interface	1	① vcc12V ② GND ③ D0 ④ D1
7	RS485	1	① 485- ② 485+

Notes：

1. The temperature measuring device should be used in a room with no ventilation and room temperature between 16 ℃ -40 ℃.

2. The temperature measurement accuracy will affect if people entering indoors from a cold outdoor environment.

3. Please run the device 10 minutes after the sensor temperature and ambient temperature are balanced to start testing.

4. Please make sure that there is no heating source or air conditioning vent within 3 meters of the device.

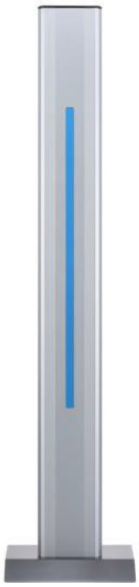
5. Please taking temperature after leaving the forehead unobstructed for three minutes indoors when the temperature is stable.

6. Please do not exposure forehead under the situation such as showers, hair dryers, sprays, etc. It will affect the measurement.

7. The forehead temperature will be lower than the actual temperature if there is oil on the forehead, makeup, oxygen mask, or wrinkles in the elderly.

8. Please make sure there is no hair or clothing covering the area where the projection is located.

Accessories



Stand Bracket

Material	Aluminum Alloy	**Power**	DC12V
High	1100/600mm（Customizable）	**Maximum Power**	≤13.5
Base size	300*255*30mm	**Working Power**	≤3A
USB Port	USB*2	**Operating Temperature**	-10℃-60℃
DC	DC Two in one (Host / LED)*1	**Storage Temperature**	-20℃-60℃
Network Port	RJ45*1	**Working Humidity**	40%-65%
Surface Treatment	Environmental Protection Paint Process	**Storage Humidity**	35%-80%
Installation Aperture	34/37/42mm（Customizable）	**Material**	Aluminum Alloy
Host size	1100*130*90mm	**Color**	Flash Silver
Package	Neutral Packaging, Single Packaging	**Warranty**	One Year
Weight	4.5kg (Only for Bracket)	**External Device**	ID card reader / QR code scanning / induction type automatic absorption agent optional

OUR ADVANTAGE

INSTALLATION

WALL-MOUNTED

FOR GATE

DESKTOP

FLOOR-STANDING

APPLICATION

AIRPORT

SCHOOL

OFFICE BUILDING

GOVERNMENT