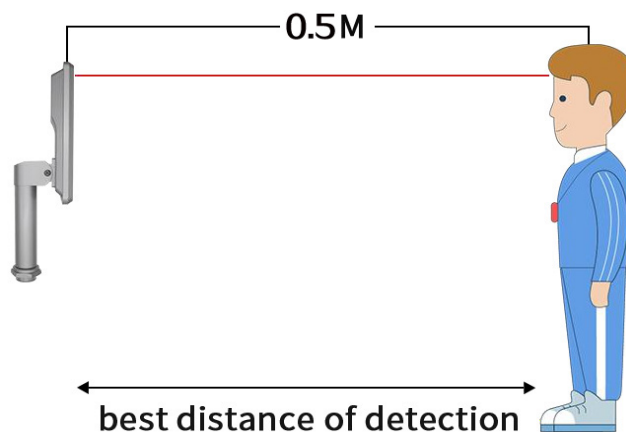




Model: BMFRT9201

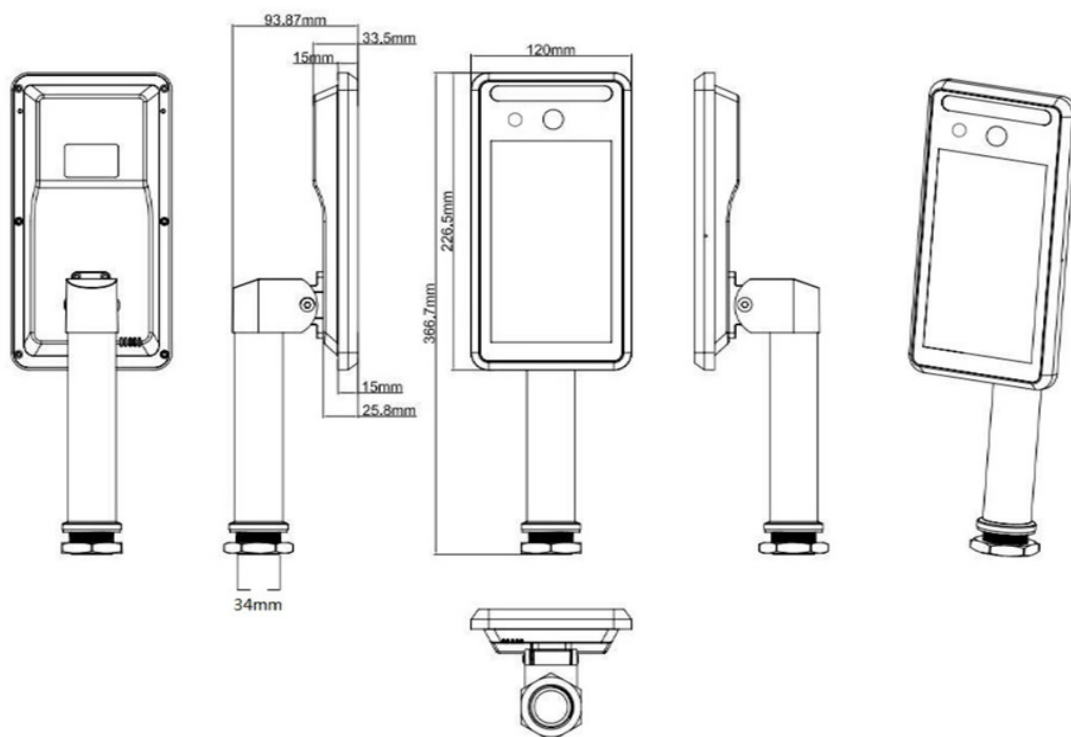
DESCRIPTION:

- ◆ Embedded Industrial grade Linux operating system
- ◆ Integrated face capturing and recognition function with infrared temperature measurement
- ◆ All in one solution (face capture, recognition, forehead temperature detection), support real time video output
- ◆ Detection method: non-contact forehead temperature detection within >1s; detection distance 30-50cm, temperature error range $\pm 0.3-0.5^{\circ}$ C, abnormal temperature with voice reporting
- ◆ Industrial grade design, pitch Angle, left and right rotation adjustable
- ◆ Support active face detection, effective prevention of photos and video spoofing
- ◆ Face mask recognition
- ◆ Face database 10,000, easy face template importing, support single/batch image file import and real-time face capture import
- ◆ Support face types of ordinary people, eg whitelist people, blacklist people, etc.
- ◆ Support recognize result linkage I/O, Wiegand port output, voice broadcast
- ◆ Can be widely used in access control channels, wall-mounting attendance and other scenarios.



MODEL	BMFRT9201
SPECIFICATIONS	
Screen Dimensions	7 inch, full-angle IPS LCD screen
Screen Resolution	1280 x 720
Camera Type	Single Camera
Camera Image Sensor	1/2.8" SONY starlight CMOS
Camera Resolution	1920 x 1080 @ 30fps
Lens	3.6mm
Temperature Scanning Area	Forehead
Temperature Range	30-45 °C
Temperature Scanning Distance	25 – 40 cm
Temperature Accuracy	± 0.3 °C @ 36-38 °C, ± 0.5 °C @ 38-42 °C
Temperature Scanning Speed	≤ 1 sec
Face Detection Features	Support live face detection, avoid photos and video spoofing
Face recognition distance	0.3-0.5m
Recognize face size	Human distance ≥ 60 pixels; Face pixel ≥150 pixels
Face database capacity	Support built-in ≤ 10000 faces; support black/white list
Posture	Support side face filter, comparable within 20 degrees in vertical and 30 degrees in horizontal
Unobstructed Detection	Cap/hat, eye glasses, bangs hairstyle will not affect detection
Expression	any slight expressions will not affect recognition
Response Speed	≤ 1 sec
Face exposure	Support
Local Storage	Support storage of 100,000 records
Recognition area	Full image recognition, support zone optional setting
Upload Method	TCP, FTP, HTTP, API code
Network Function	
Network protocol	IPv4, TCP/IP, NTP, FTP, HTTP
Interface protocol	RTSP
Security Mode	Authorized username and password
Event linkage	FTP upload, alarm output linkage, Wiegand output linkage, voice broadcast
System Upgrade	Support remote upgrade
General & Interface	
Supplementary Light	LED white light
Speaker	Built-in with voice reporting
Network Interface	RJ45 10/100 Base
Alarm Input / Output	- / 2 OUT
RS485	-
TF Card	-
USB	1
Wiegand Interface	Wiegand 26, 34, 66 protocols
Reset Button	Yes
SIM Card	-
RFID Card Reader	-
Operating Temperature / Humidity	-10°C ~ +60°C / > 90% RH
Protection Level	-IP54 / for indoor use only
Power Supply / Power Consumption	DC 12V / <12W
Unit Dimension	226mm(H)*120mm(W)*33mm(D)
Installation Type	Wall installation / gateway installation / floor stand installation
Certification	FCC / CE

Dimension



Wire Interface :



J1 Alarm Output 2
J2 Reset key
J3 Power input 12VDC
J4 Alarm output 1
J5 Wiegand connector
J6 Network RJ45 port
J7 USB