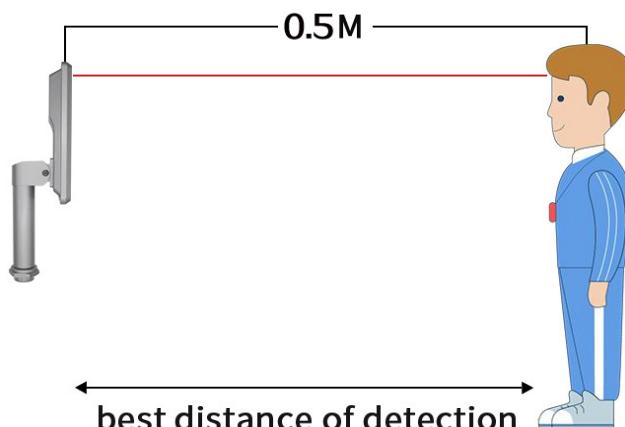




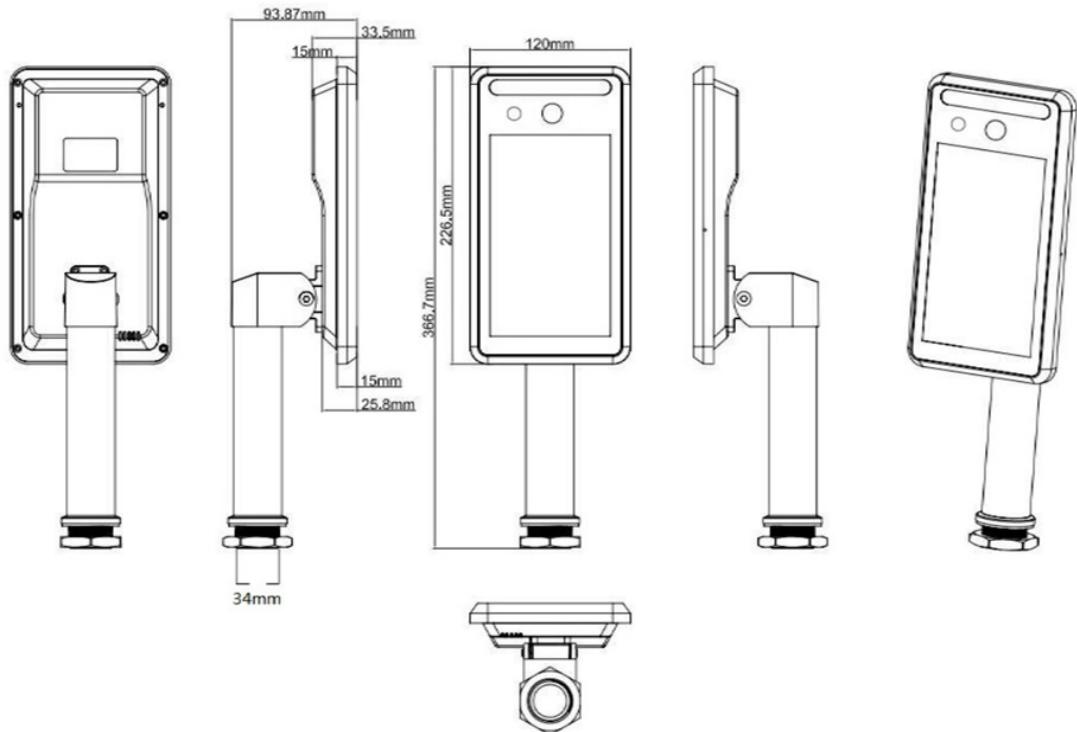
## Model: BMFRT9201

### 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
<b>SPECIFICATIONS</b>	
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
<b>Network Function</b>	
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
<b>General &amp; Interface</b>	
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