Sentry

- Forehead Temperature Measurement
- Mask Recognition
- Identification
- Elevated Temperature Warning
- Data Query

Accurate Temperature Measurement
   Error of plus or minus 0.3 °C

Two-eye Recognition
   Support two-eye live human face detection

Mask Detection
   No need to remove the mask, automatically capture the face for identification

Fast Facial Recognition
   200ms face recognition

30,000-Person Face Database
   Support 30,000 local face storage

High Recognition Rate
   Face recognition accuracy rate is as high as 99.5%

Fill-in Light
   Built-in fill-in light, low-light situations applicable

Embedded Systems
   Low power consumption, high stability

Backstage Management
   Abnormal records, equipment management, personnel management

Mobile App
   Visitor management, information push

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**SYSTEM**
- Main Processor: MX3520
- Operating System: Embedded LINUX
- RAM: DDR3 512MB
- ROM: EMMC 8GB

**SCREEN**
- Dimensions: 7 inch IPS HD LCD Screen
- Resolution: 720*1280

**CAMERA**
- **Type**: 2MP night vision living detection camera
- **Sensor**: 1/5" GC2145
- **Resolution**: NIR 800*600 15fps
- **Lens**: 2.4mm

**BODY TEMPERATURE DETECTION**
- **Measuring site**: Forehead
- **Temperature range**: 36-42 °C
- **Temperature measuring distance**: 0.5-1.3m, 0.75m is the best
- **Temperature measurement accuracy**: +/- 0.3°C
- **Temperature measurement response**: Face library people: 1.5-2s, Strangers: 2.5-3s

**FACE RECOGNITION**
- **Detection Type**: Support living detection, mask detection
- **Face recognition distance**: 0.5-1.5m
- **Face database capacity**: Max support 30,000 faces
- **Face Posture**: (Daytime) vertical viewing 58°-60°, horizontal viewing 35°; (Living body) vertical viewing 48°-50°, horizontal viewing 36°
- **Occlusion**: Ordinary glasses and short sea retention have no effect on recognition
- **Expression**: Under normal circumstances, slight expressions do not affect recognition.
- **Response Speed**: About 200ms
- **Face Exposure**: Support living detection, mask detection
- **Local Storage**: Support storage of 25,000 records
- **Recognition Area**: Full image recognition
- **Upload Method**: TCP, HTTP, MQTT

**NETWORK FUNCTIONS**
- **Network Protocol**: IPv4, TCP/IP, HTTP
- **Security Mode**: Authorized username and password
- **Event Linkage**: Voice broadcast, abnormal event upload to the platform
- **System Upgrade**: Support remote upgrade

**ACCESSORIES**
- **Supplementary Light**: IR light, LED white light
- **Audio Out**: Built-in speaker support voice broadcast after successful recognition

**INTERFACE**
- **Network Interface**: RJ45 10M/100M Network Adaptation
- **Alarm Output**: 1 channel relay output(NC or NO)
- **RS232 Interface**: Support
- **RS485 Interface**: Support
- **Wiegand Interface**: Support Wiegand 26, 34, 66 protocols
- **Reset Key**: Support

**GENERAL**
- **Housing**: Metal body and bracket, plastic screen, IP66
- **Operating Temperature**: -20 °C ~ 60 °C
- **Working Humidity**: 10% - 90% Non-condensing
- **Storage Temperature**: -40 °C ~ 60 °C
- **Storage Humidity**: 5% - 95% Non-condensing
- **Power Supply**: DC12V
- **Power Dissipation (maximum)**: = 12 W
- **Dimensions (mm)**: 219 (W) * 111 (H) * 215 (T)
- **Bracket Size (mm)**: 27*189 Extension rod 27*390
- **Installation Method**: Desktop Installation/Floor Support Installation

**DISCLAIMER**: InVid Tech/Sentry products are not FDA approved medical devices and cannot diagnose Coronavirus infection and are not intended for use in the diagnosis of disease or other conditions or in the cure, mitigation, treatment, or prevention of disease. When configured correctly, the InVid Tech/Sentry products discussed here can identify individuals showing higher than average skin-surface temperature relative to a sample population. Only a licensed medical professional can determine if a “hot” individual is experiencing an abnormal medical condition.