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TALKAPHONE
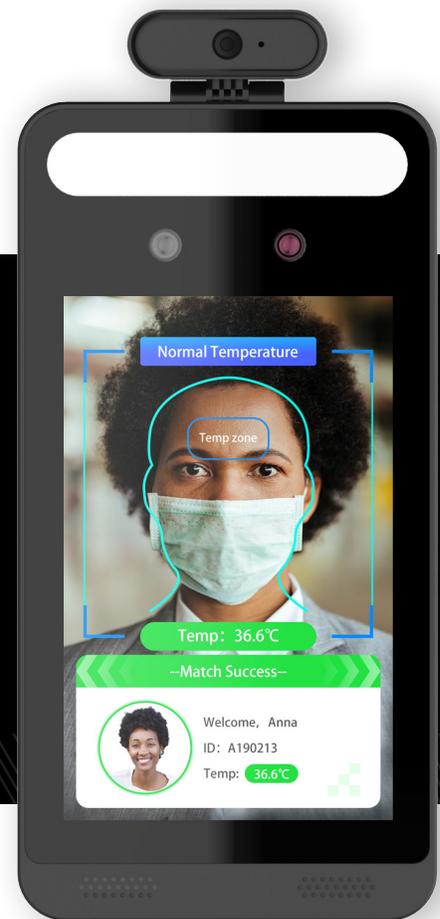
AC-BP SERIES BIOMETRIC SCREENING PANEL

THE AC-BP SERIES BIOMETRIC SCREENING PANEL IS AN ACCESS CONTROL SOLUTION PROVIDING CONTACTLESS TEMPERATURE MEASUREMENT, MASK DETECTION, AND FACE RECOGNITION—FACILITATING AN ORGANIZATION'S INGRESS PROCEDURES AND CHECK-IN PROCESS.

FEATURES

- Contactless temperature measurement via factory-calibrated thermopile infrared (IR) sensor
- Face recognition with or without mask
- Local audible warning provided when abnormal temperature or no presence of mask is detected
- Standalone device for access control applications requiring biometric screening
- Camera live view and two-way communication supported remotely via web browser
- Integrates with access control systems through relay or Wiegand output

IMPORTANT:

This product is not designed to be a medical device, and is not intended to diagnose, mitigate, treat, cure, or prevent any health condition or disease, including COVID-19. Furthermore, this product is not FDA-cleared or FDA-approved and should not be considered a medical device.

Temperature measurements taken with this device should be confirmed through secondary screening methods and through the use of clinical-grade thermometers.

All data and measurements should be used, recorded, and stored in compliance with local and federal regulatory requirements.

FEATURE HIGHLIGHTS

- **Contactless IR Temperature Sensor**
- **White Fill-in Light (Facial Recognition)**
- **Dual Camera (Facial Recognition)**
- **Microphone**
- **IR Illuminator (Facial Recognition)**
- **LCD**
- **Speakers**
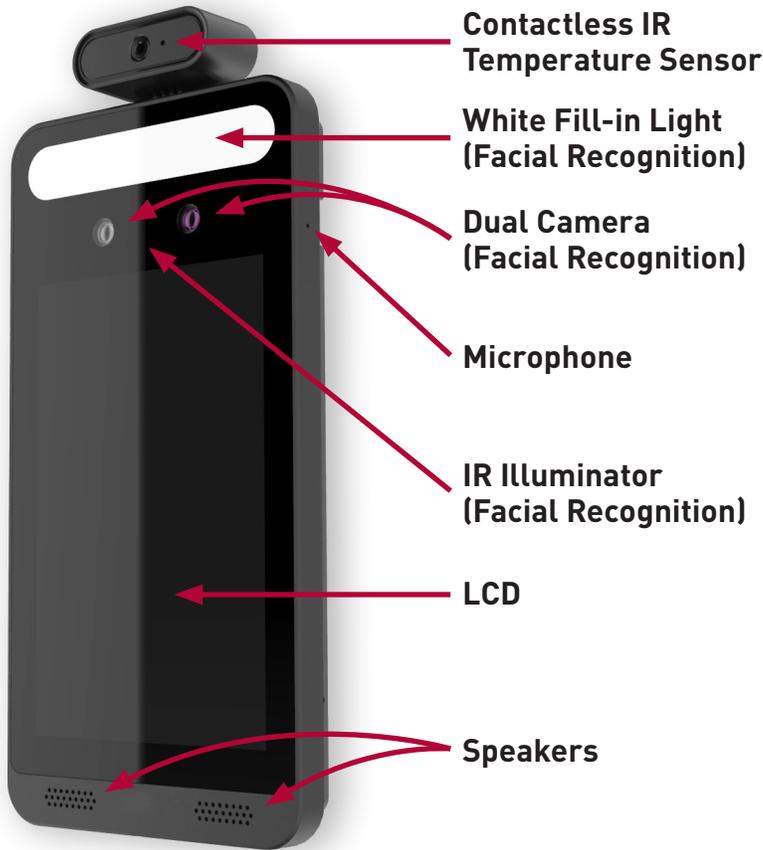
Contactless
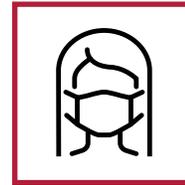
Face Recognition With or Without Mask
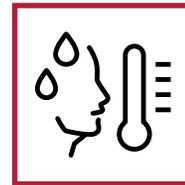
Temperature Measurement

APPLICATIONS

Schools

Screen students, staff, faculty, and visitors at the front desk as they enter the school.

Buses

Screen students as they board the bus.

Offices
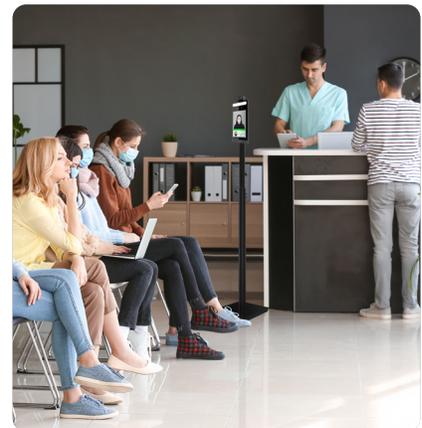
Screen staff, contractors, and visitors at the front desk during check-in.

SPECIFICATIONS

General Specifications	
Dimensions (W x H x D):	9.12 x 55.17 x 4.03 in. (138.6 x 301.8 x 34.2 mm)
Weight:	2.7 lbs. (1.2 kg)
Operating Temperature:	+60.8° F to +95.0° F (+16° C to +35° C)
Relative Humidity:	Up to 95% non-condensing
Protection:	IP66
Mounting:	Wall mount (other options available)
Power:	12VDC, 1.0A (optional 110VAC power supply available)

Display	
Size/Type:	8-inch LCD
Resolution:	1280 x 800
Contrast:	500:1
Brightness:	500 lux

Interfaces	
Built-in Storage:	16GB eMMC
SD Card Interface:	One (1) microSD card slot (up to 128GB)
Network:	10/100 Base-T Ethernet, RJ45 connector, Cat5e or better
Alarm Input:	2 channels
Alarm Output:	2 channels
Wiegand Interface:	Wiegand input/output (26/34)
Serial Interface:	RS-485 (half duplex)
Relay Output:	NO/NC (optional), delay setting supported
Audio Output:	Built-in speaker

Thermopile IR Sensor - Temperature Measurement	
Temperature Measurement Range:	89.6~109.4° F (32~43° C)
Accuracy:	± 0.54° F (± 0.3° C)
Optimal Measuring Distance:	Approximately 9.8-19.7 in. (250-500 mm)

Face Recognition	
Sensor:	1/2.8
Lens:	2MP dual-lens, f=3.97mm at F1.6
WDR:	120db
Recognition Height Range:	3.9-7.2 ft. (1.2-2.2m) Recommended installation height: 4.75 ft. (1.45m)
Optimal Recognition Distance:	1.0-6.5 ft. (0.3-2m) Recommended recognition distance: 1.64-3.28ft. (0.5-1.0m)
Recognition Duration:	≤ 0.5 sec per person
Recognition Mode:	1:N
Recognition Accuracy:	99.7%
Face Capacity:	20,000
Fill-in Light:	Soft, white light and infrared (IR) light
White Light Distance:	3.28-9.84 ft. (1.0-3.0m)

Regulatory	
Compliance:	CE

Warranty & Support	
Warranty:	2-year limited warranty

All specifications are subject to change without notice.

ORDERING INFORMATION

Base Model	Configuration Number
AC-BP-1	**[Leave Blank]** *Standard wall mount* **-A** *Includes desktop mount* **-B** *Includes kiosk stand* **-C** *Includes turnstile pole mount*
Example #1	*AC-BP-1*	
Example #2	*AC-BP-1*	*-B*

All specifications are subject to change without notice.

ACCESSORIES

Desktop Mount

Model Number: AC-BPDM

Kiosk Stand

Model Number: AC-BPKS

Turnstile Pole Mount

Model Number: AC-BPTPM

Power Supply

Model Number: AC-BPPS

Network Recorder

AC-NR-1 Series

- Record video and store statistics on elevated temperature, absence of mask, or facial recognition from up to eight (8) AC-BP Series Biometric Screening Panels.

- View real-time face snapshots and screening results for elevated temperature, absence of mask, or facial recognition.

All specifications are subject to change without notice.

DIMENSIONAL DIAGRAMS

All dimensions are in inches and are provided for reference only.

CONTACTLESS IR TEMPERATURE SENSOR

DUAL CAMERA FOR FACIAL RECOGNITION

MICROPHONE

WHITE FILL-IN LIGHT FOR FACIAL RECOGNITION

8-INCH LCD SCREEN

SPEAKERS

BRACKET FOR POLE & WALL MOUNTING

11.46
10.97
10.51
8.92
6.91

FRONT VIEW

1.28
1.37

SIDE VIEW

2.36
5.07
7.32
1.57
1.42
1.57
2.36
4.17

REAR VIEW

4.78
5.48

BOTTOM VIEW