

# Integrated wrist temperature screening and face recognition system

## BDTSecureCW180E

### Overview

*BDTSecureCW180E has the function of face recognition and temperature screening system, which can capture the face, compare with the people in the face library, and record the corresponding temperature data. It can realize the rapid preliminary temperature screening function of personnel in places with fixed flow of people, such as schools, government buildings, enterprise, high-end club stations, nursing homes and communities, so as to reduce the cost of manual temperature screening.*



# Features

- Preliminary temperature screening system
- PoE switch is included, IPC is powered by PoE switch
- Automatic temperature screening, the demo video is played continuously for 24 hours
- Real-time snapshot and recognition of human face during temperature screening
- Up to 16 face libraries, total capacity of 50000 face images
- Support voice linkage, real-time alarm of people with fever
- Support no mask reminder
- Support real-time statistics of total number of temperature screening, normal and abnormal number of people
- Support to export temperature screening data report
- The APP can receive the alarm of abnormal body temperature
- Reduce labor costs

## Order Information

Model	Description
BDTSecureCW180E	Integrated wrist temperature screening and face recognition system

## Specifications

Module	Integrated wrist temperature screening and face recognition system-I		Integrated wrist temperature screening and face recognition system-II	
	PoE Switch	Ports	6×100Mbps network ports (RJ45), including 4 PoE ports	
Weight		<0.6kg		
Switch Power		67W		
Capture Module	Resolution	1920*1080		
	Lens	4.0mm		
	Angle of View (H)	86.5°		
	WDR	120dB		
	Audio	1*output		
Temperature Screening Module	Screening Distance	1cm ~ 3cm	1cm-4cm	
	screening Deviation	≤0.3°C		

<b>Display Module</b>	<b>Screen size</b>	<b>31.55 inch</b>
	<b>Screen resolution</b>	<b>1920*1080</b>
	<b>Input</b>	<b>VGA ×1, HDMI×1, DVI×1</b>
	<b>VESA</b>	<b>100mm x 100mm</b>
	<b>Wall-mounted Thread</b>	<b>4-M4 Threaded hole</b>
	<b>Dimension (W×H×D)</b>	<b>725.2mm × 425.8mm × 49.5mm(28.55"×16.76"×1.95")</b>
	<b>Package(W×H×D)</b>	<b>895mm × 525mm × 125mm(35.24"×20.67"×4.92")</b>
	<b>Power supply</b>	<b>AC 100~240V, 50/60Hz</b>
	<b>Consumption</b>	<b>&lt;45 W(on), &lt;0.5 W(Standby)</b>
<b>Recording Module</b>	<b>User Interface</b>	<b>Temperature screening UI</b>
	<b>Library Capability</b>	<b>Up to 16 face libraries, total capacity of 50000 face images</b>
	<b>Advertising Display</b>	<b>Support picture and video Ads</b>
	<b>Capacity</b>	<b>2 HDDs, up to 10TB for each HDD</b>
	<b>Dimensions (W×D×H)</b>	<b>380mm × 315mm × 53mm (14.9" × 12.3" × 2.1")</b>
	<b>Power Supply</b>	<b>12V DC</b>
	<b>Consumption</b>	<b>≤ 7.5 W (without HDD)</b>
<b>Bracket Module</b>	<b>Wall-hanging monitor</b>	<b>100mm × 100mm (φ: M4) 200mm × 240mm (φ: M8)</b>
	<b>Package(W×H×D)</b>	<b>715mm × 480mm × 165mm</b>
	<b>Weight</b>	<b>Net Weight:9.15Kg Gross Weight:11.5Kg</b>
<b>Function</b>	<b>Alarm</b>	<b>Support real-time alarm of abnormal body temperature</b>
	<b>Recognition</b>	<b>Supports real-time snapshot human face with temperature screening, and real-time comparison with face list in the library</b>
	<b>Temperature Display</b>	<b>Support real-time temperature display</b>
	<b>People Counting</b>	<b>Support the real-time statistics of the number of normal and abnormal body temperature</b>
	<b>Mask Detection</b>	<b>Support no mask reminder</b>
	<b>APP Linkage</b>	<b>Support APP to receive abnormal temperature alarm</b>
	<b>Export Data</b>	<b>Support temperature screening data report export</b>

<b>General</b>	<b>Power Consumption</b>	$\leq 180W$	
	<b>Screening Range</b>	<b>35.5°C~42°C(95.9°F to 107.6°F)</b>	<b>30°C~45°C(86°F to 113°F)</b>
	<b>Working Environment</b>	<b>15°C ~ 30°C (59°F to 86°F)</b>	<b>10°C ~ 40°C (50°F to 104°F)</b>

**“Your Reliable Integrated Video Surveillance Solutions Provider”**

**Shenzhen Starlink Technology Co.,Ltd**

1811, Block A, Zhantao Technology Building, Longhua District, Shenzhen, P.R.China 518131

Email: info@qixingtechnology.com; qixing@qixingtechnology.com

<https://www.qixingtechnology.com>

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\*Product specifications and availability are subject to change without notice.