



Quick Accurate Temperature Screening System

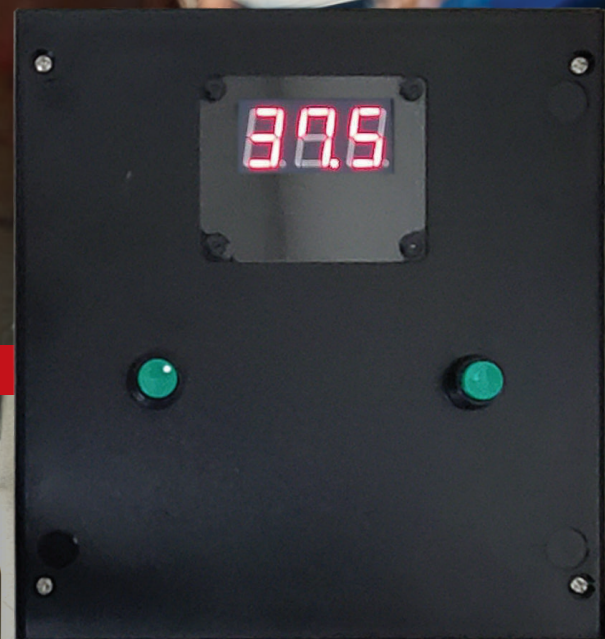
TC24BD-A6-4000

THERMAL SYSTEM

Gvision infrared camera thermal solution application for body temperature screening. Used to detect any symptoms of fever quickly in a crowd in order to prevent viral infection when diseases such as influenza and pneumonia are prevalent. The TC24BD solution can be used in any public environment where centers for small or large gatherings.



IR Camera



Temperature Source System



Quick TEMP Screening

$\pm 0.3^{\circ}\text{C}$

Precision within a Range



Automatic TEMP Detection



Ideal for Public Spaces



Reduce Risk of Infection



PRECISION CAMERA

In detecting the body temperature of a person in the same scene, TC24BD achieved better performance than competitors. The measured temperature from TC24BD is closer to the actual body temperature of the person.



TARGET MARKET

Gvision's Infrared camera with temperature calibration solution can be use in any small or large gathering indoor center. Use to detect any symptom of fever quickly in the crowd in order to prevent viral infection.



FEATURES

- High **precision** of body **temperature** measurement
- No direct **person-to-person** contact
- Measurement Accuracy: **+/-0.3° C**
- Detection distance can reach **3M ~ 6M**
- Standard temperature source is **certified** by ETC
- Notifies when the body temperature exceed **37.5° C**
- Microprocessor** receives data from camera, **automatically** screens the **temperature** of a person

SPECIFICATIONS

INFRARED CAMERA	TC24BD-A6-4000
Detector type	Vanadium Oxide Microbolometer
Resolution	206 x 156
Pixel Pitch	12um
Wavelength Range	7.5-14um
Rate	9Hz
IR Lens	Chalcogenide
IR FOV	36° FOV

TEMP. SOURCE SYSTEM	
Working Temperature	0°C ~ 60°C
Radiation Surface	100mm x 100mm
Temperature Resolution	0.1°C
Accuracy	±0.1°C (@37.5°C)
Stability	0.1°C / 30 min

TEMP. MEASURING PERFORMANCE	
TEMP. Measuring Range	30°C ~ 50°C
Accuracy	±0.3°C
Temperature Calibration	Self-Calibration

MICROPROCESSOR	
Operating System	Linux System
Data Interface	UART / Bluetooth / WIFI / RJ45
Network Standard	Gigabit Ethernet
Protocol Supports	Customize
Input Power Voltage	5V DC

TEMPERATURE	
Operating	-20°C ~ 60°C
Storage	-40°C ~ 80°C
Humidity	<85% (non-condensing)

DIMENSIONS	
TEMP. Source System	155mm x 170mm x 55mm
Microprocessor System	88mm x 63mm x 32mm
IR Camera	30mm x 60mm x 25mm

MONITOR	C24BD-A6-4000
Screen Size	24"
Resolution	1920 x 1080
Aspect Ratio	16 : 9
Brightness	250 Nit
Contrast Ratio	5000 : 1
Backlight Unit	LED
Input Source	HDMI / BNC In, Out / VGA / Stereo
Audio	2W x 1.5 Built In Speaker
Power	< 30W (AC 100V ~ 240V, 50/60Hz)
Dimension	22.1" x 15.7" x 8.6" (561mm x 399mm x 218mm)
Weight	9 lbs (3.9 kg)
VESA™ Mount Size	100mm x 100mm

Specifications subject to change without any notice