



55 Inch Digital Signage w/ IR Thermal Imaging Camera

TC55ZI-O3-45P0D

THERMAL SOLUTION

Gvision digital signage and thermographic camera 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 TC55ZI solution can be used in any public environment where centers for large gatherings.



3840 x 2160
4K UHD



32-Points
IR Touch



HDMI Digital
Input



VGA Analog
Input



USB B-Type
Connectivity



Window &
Android OS



IR Thermal
Camera



Low Power
Consumption

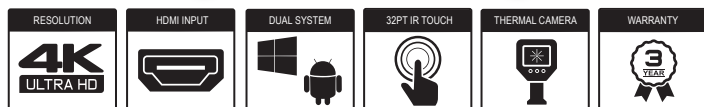


LED
Backlight
Unit



3-Year
Warranty

55" / 32pt IR Touch / Thermal Camera / Dual OS WINDOW & ANDROID



TARGET MARKET

Gvision's Digital signage and thermographic camera solution can be used in airports, convention centers, hospitals, sports stadiums, local government agencies (DMV, passport centers, immigration offices), schools, department stores, churches, and any indoor centers for large gatherings.



Airport / Transportation



Convention Center



Stadium / Arena



Hospital

FEATURES

- 55-Inch Size / 4K UHD 3840 x 2160 Resolution
- HDMI, VGA, USB, RJ45, RS232, Audio Inputs
- **Dual System:** WINDOW 10 & ANDROID 8.0 / 32pt IR Touch
- **Split Screen:** Two to Three Split Screens
- Dual Core A73+ Dual Core A53 1.5GHz CPU
- 34 μ m Pixel Size Professional IR Thermal Camera
- 3-Year Warranty

SPECIFICATIONS

DISPLAY	TC55ZI-O3-45P0D
Screen Size	55 In
Resolution	3840 x 2160
Backlight	Direct LED
Aspect Ratio	16 : 9
Viewing Angle	178° / 178°
Response Time	6ms
Brightness	450cd/m ²
Contrast Ratio	5000 : 1
INTERFACE	
Video (Digital) Input	HDMI 2.0 x 3 / DP 1.2 x 1 / USB-C 3.1 Gen2 x 1
Video (Analogue) Input	VGA x 1 / AV x 1 / YPbPr x 1
RJ45 In / Out	1 / 1
Media (Android) Input	USB 2.0 A-type x 1 / SD card Slot x 1
Media Input	USB 3.0 A-type x 3 / USB-C 3.1 Gen2 x 1
RS232C In / Out	1 / 1
OPS Slot Input	Support Max. 4K / 60fps
Audio Input	Audio in (3.5mm) x 1 / Mic (3.5mm) x 1
Video (Digital) Output	HDMI 2.0 x 1
Audio Output	SPDIF Optical x 1 / Audio Out (3.5mm) x 1
Touch Output	USB2.0 B-type x 3 / USB-C 3.1 Gen2 x 1
TOUCH TECHNOLOGY	
Type	High Precision & Lower Z-axis 32pt IR touch
Tempered Glass	Anti-glare 4mm
OS Compatibility	Win 10/8/7: 32pt / Win XP: 1pt / Mac: 1pt / Android: 16pt / Linux: 1pt / Chrome:1pt
SYSTEM	
OS	Dual System: WINDOW 10 & ANDROID 8.0
CPU	Window: Intel i5 / Android: Dual Core A73+ Dual Core A53
RAM / ROM	Window: DDR4 4GB/128GB SSD / Android: 4GB/32GB
AUDIO	
Speakers	16W x 2
POWER	
Consumption	AC100 ~ 240V 50/60Hz
TEMPERATURE	
Operating	32° F ~ 104° F (0° C ~ 40° C)

IR THERMAL CAMERA	
Sensor Technology	Uncooled A-Si Microbolometer
Spectral Range	Longwave infrared, 8 to 14 Micrometer
Array Format	80 x 80 progressive scan
Pixel Size	34 Micrometer
Effective Frame Rate	30 FPS
Thermal Sensitivity	<150 mK
Scene Dynamic Range	20°C ~ 45°C (designed for living targets)
Radiometric Accuracy	±0.5°C
Non-uniformity Corrections	Shutterless
FOV	Integrated 60 degree lens F/1.3
Operating Temperature	41°F ~ 122°F (5°C ~ 50°C)

Specifications subject to change without any notice