

UNV Advanced Thermal Mass Fever Screening

UIPC-USS-TIC500 Easy Scan MFS-5



Reliable

99.7% Accurate No False Alarms
Government Approved



Safe

Contact Free
Detection



Instant Identification

Identifies Temperature
Instantly



Multiperson Detection

Identifies Multiple Body
Heat Sources At Once

STOP THE VIRUS

Stop the virus before it spreads with the **fastest, safest and most accurate** Advanced Thermal Mass Screening Solution on the market.



Hospitals



Supermarkets



Offices



Schools



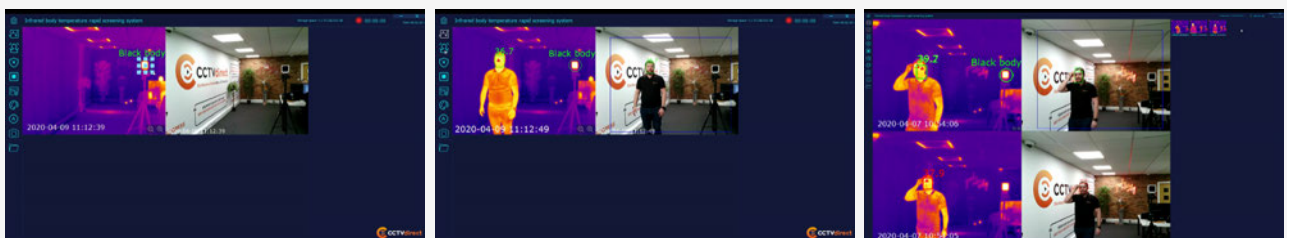
Airports

The UNV Advanced Thermal Mass Screening Solution is essential in stopping the spread of Coronavirus. The device is designed for mass body temperature detection in areas of large footfall such as large offices, schools, hospitals and other premises with large footfall. With an accuracy of $\pm 0.3^{\circ}\text{C}$, the tried and tested technology are designed to filter out false alarms and produce only accurate data.

The Software uses Intelligent Infrared technology and pinpoint identification to detect a person with a raised temperature/ fever. Images are viewed on a PC or Laptop via software provided (Please see specification for minimum PC spec)

The infrared technology transmits different colours based on the temperatures that are being emitted in the image – similar to thermal imaging cameras. The pinpoint technology will identify a person entering the image and lock onto them and display their temperature directly onto the image.

An alarm can also be set to activate when a person above this temperature crosses the image. This makes it even easier for an operator to establish if a person needs medical examination.



Camera	UIPC-USS-TIC500
Sensor Type	Uncooled detector
Sensor pixels	384 × 288
Response band	7.5 ~ 14μm
Pixel pitch	17μm
Optical Transmission Calibration	Manual / Automatic
NETD (Noise Equivalent Temperature Difference)	<50mk (@ 25 ° C, F # = 1.0)
Lens focal length	6.5mm
Field of View	50.8 ° × 37.1 °
Image frame rate	30Hz
Palette	Hot white, black hot, iron red, etc.
Image and Video	
Thermal Image / Video / Visible Light Picture	.jpg (including full temperature data) / Full Temperature Infrared Video / .jpg Visible Light Picture
Visible light camera parameters	
Focal length	2.7mm
Sensor pixels	5 million pixels
Temperature measurement function	
Temperature measurement range	0 ° C-70 ° C
Temperature measurement deviation	± 0.3 ° C (with black body)
Temperature measurement area setting	Support global highest temperature, lowest temperature, average temperature tracking, point, line, rectangle, irregular area temperature measurement mode
Over temperature alarm function	Support human body temperature abnormal alarm function, area alarm text, temperature measurement box color can be set, alarm voice prompt
Intelligent features	Support automatic capture of moving face targets
Face area recognition	Support wearing a mask to identify the face area to avoid false alarms from non-face high temperature objects
General specifications	
Power input	DC12V
Power	20W (MAX)
Size (mm)	232.8mm x 119.5mm × 95.9mm
Weight	≤2.5Kg
Protection class	IP66
Working temperature and humidity	-20 ° C ~ + 55 ° C, <90% RH
Other	
Item List	1 x Bullet thermal camera, 1 x Black body, 2 x Tripod, Client Software
Minimum PC requirement	Windows 10, I5 CPU @1.8 GHz , 8GB Memory, 1TB, NVIDIA Discrete Graphics Card GT 1030, 2G Video Memory

Contents & measurements

UNV TIC500 Advanced Thermal Screening Camera

Thermal Emitting BlackBody for Highly Accurate Readings

Thermal Reading Software

Tripods and Adaptors for Fast Deployment

PC is required for viewing/recording images – see spec for minimum PC requirements

