



# RMC-TIC Thermal Imaging Camera (Automatic Fever Screening)



RMC Thermal Imaging Camera is precise and accurate to detect and screen the temperature along with other Covid-19 advisories. This pandemic (Covid-19) situation shall be highly monitored with help of these cameras, to isolate the person with high body temperature on entering premises.

RMC-TIC has Artificial Intelligence Face detection technology can make an alert for violations viz not maintaining social distance, not wearing mask, etc. These cameras can be used for a preliminary screening of people having fever to eliminates chances of spreading the infection by effective use of no contact technology.

**High Speed Technology:**  
RMC-TIC can be deployed in a fast-moving pedestrian environment to raise fever and other associated Covid advisory violations.

**Monitor Crowds:**  
RMC-TIC can scan multiple people at the same time without pointing the camera at anyone.

**Improved Safety:**  
The non-contact technology ensures no risk of spreading any kind of infections.

**Easy setup:**  
Portable deployment with minimal effort.

**Alert:**  
This device will beep an alert for anyone who has elevated body temperature, not maintaining social distancing, not wearing masks. Alerts are real-time and detected temperature can be screened in a monitor/display.

**Features:**  
AI Face Recognition, Mask compliance, Social distancing compliance, Alert and blacklist, Internal storage (128Gb), Live Monitoring.





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DESCRIPTION	PARTICULAR
Make	Ravel Movement Control
Model	RMC-TIC
<b>THERMAL IMAGING CAMERA</b>	
Temperature Detection	Thermal Imaging Camera, Non-contact technology
Sensor Technology	Uncooled VOX Micro-Bolometer
Spectral Range	Longwave Infrared, 8 to 14 $\mu\text{m}$
Thermal Sensitivity	<50mK (0.050°C)
Optimum Temperature Measuring Range	-10°C to 80°C
Temperature Measuring Range	-40°C to 80°C
Reading Range	Upto 20 Meters
Resolution	Thermal: 160 X 120, Optical: 1920 X 1080
Ambient Temperature	-40°C to 60°C
GPU	128-Core Maxwell
CPU	Quad-core ARM A57 at 1.43GHz
Detection Error	$\pm 0.5^\circ\text{C}$ upto 5 Meters, $\pm 1^\circ\text{C}$ upto 20 Meters
Internal Storage	128GB
Power Consumption	7.5 Watts
Tamper Detection	1500G at 0.04
Throuput	80-100 People/Minute
Connectivity	Gigabit Ethernet, M.2 Key E
Display	HDMI and Display port
Features	AI Face Recognition, Mask compliance, Fever detection, Alerts and blacklist, Internal storage (128 GB), Live monitoring, Rich Network expansion.



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