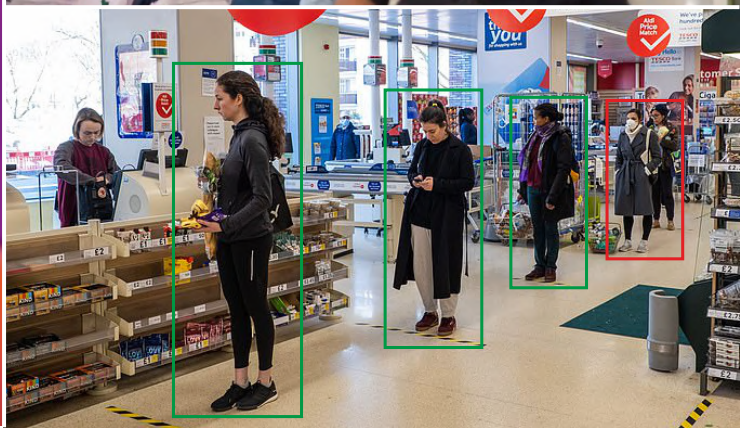
vehant TECHNOLOGIES

"Creating a smarter & secure tomorrow"

FebriEye™ (EL)

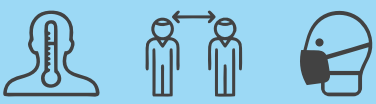
VT-FBE-2000

AI based Thermal Temperature Screening System



SALIENT FEATURES

- Measures Face Temperature
- AI based Face Mask Detection
- Social Distance Monitoring
- Non-Contact Detection
- Dual (Thermal + Vision) Camera
- Convenient Deployment
- .Max (±0.2°C, with black-body)
- High Throughput
- Real time alerts



About FebriEye™ (EL)

FebriEye™ (EL) is a thermal temperature screening system with optional analytics like face mask & social distance monitoring, It is ideal for indoor/covered areas like entrances to events, transport hubs (airports, metro stations etc.), manufacturing plants, buildings, hotels, commercial complexes, shopping malls, gated societies alike. Using advanced facial detection technique, it detects facial temperature for more accurate measurement to generate an alert when high temperature is detected.

Face Mask

Face Mask Detection uses visible stream from the camera combined with AI techniques to detect and generate an alert for people not wearing face masks. A user-friendly interface allows to monitor and review alerts generated by system.

Social Distancing

In the fight against the coronavirus, social distancing has proven to be a very effective measure to slow down the spread of the disease. This feature can help raise flag for people not following minimum acceptable social distancing guidelines. Also, an alert will be generated of such violations for administrative authorities to take appropriate action.

Technical Specifications

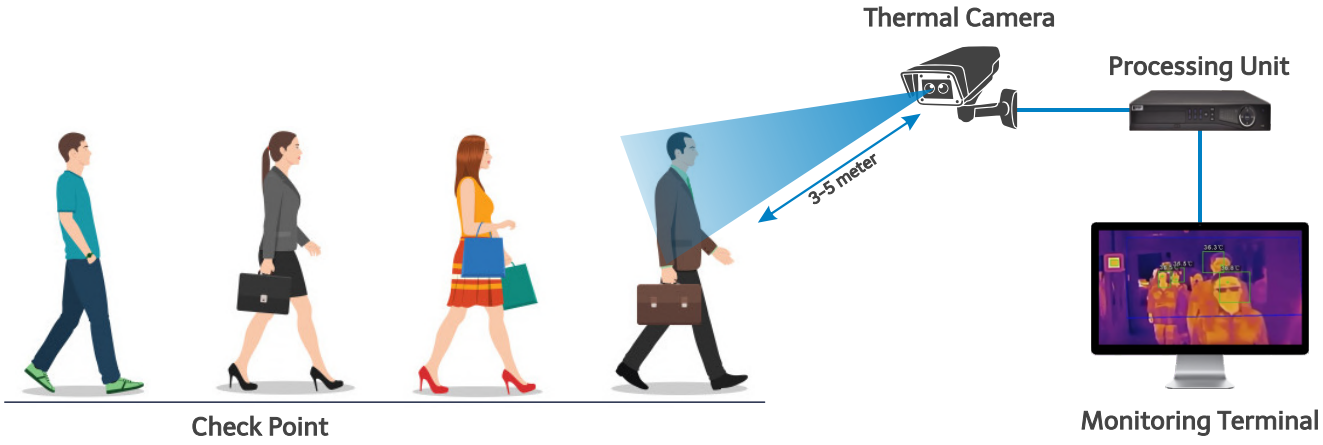
System Overview	
Model	VT-FBE-2000
Thermal Camera	
Detector Type	Uncooled VOx Thermal Sensor Technology
Effective Pixels	256 x 192
Pixel Pitch	17μm
Thermal Sensitivity (NETD)	≤60mK
Spectral Range	8μm - 14μm
Lens Type	Fixed
Image Setting	Brightness/Sharpness/ROI/AGC/FFC/3D DNR
Visible Camera	
Image Sensor	1/2.8" 2M CMOS
Effective Pixels	1920(H) x 1080(V)
Resolution (Visible)	Main stream: 2MP Sub stream: D1
Min. Illumination	Color: 0.002Lux; B/W: 0.0002Lux; 0Lux (IR on)
Electronic Shutter Speed	1/1 ~ 1/30,000s
SNR	More than 55 dB
Temperature Measurement	
Distance	3 - 5 meters
Measurement Range	30°C ~ +45°C
Video	
Video Compression	H.265, H.264, MJPEG
Frame Rate	**Main Stream:** Thermal: 1280*960/1024*768/640*480/256*192@25fps Visible: 1080P (default)/720P@25fps **Sub Stream:** Thermal: 640*480/256*192@25fps Visible: CIF(default)/D1@25fps
Bitrate control	CBR/VBR
Bitrate	H.264: 640 ~ 8192Kbps
BLC Mode	BLC/HLC/WDR (120 dB)
White Balance	Auto, Manual
Text Overlay	Support
Network	
Ethernet	RJ-45 (10/100 Base-T)
Interoperability	ONVIF, HTTP,RTSP/RTP/RTCP, TCP/UDP
Storage Support	Edge/CPU
Streaming Method	Unicast/Multicast
Interoperability	ONVIF Profile S, HTTP, RTSP/RTP/RTCP, TCP/UDP
AI Analytics	
Type	Face Mask (Optional) Social Distance Detection (Optional)
Interface	
Video Standard	PAL/NTSC
Alarm	2/2 In/Out

Electrical	
Power supply	DC 12V/PoE (IEEE 802.3 at)
Environmental	
Operating Condition	'0°C to +50°C
Certifications	
Certifications	CE, FCC & BIS
LPU (VT-IPC-700)	
Recording Channel	upto 4
Playback	upto 4 Ch. @ Full HD
HDD	SATA/SAS type
Recording resolution & frame Rate	2 Mp@ 25 fps
Ethernet	RJ-45, 10/100/1000 Mbps
Power	230V/24V/48V

*specifications are subject to change without prior notice

Disclaimer:

FebriEye™ (EL) is not medical device and cannot diagnose coronavirus infection. It is not intended for any diagnosis or clinical measurements. It does not detect fever and is only to be used to perform a preliminary screening of individuals exhibiting higher than average temperature relative to a sample population. A licensed medical professional must be consulted to determine any kind of illness and further checks as required.



OUR OFFICES

Vehant Technologies Pvt. Ltd.
B-73, Sector-57,
Noida - 201301,
Uttar Pradesh, India
+91-120-4610200
contact@vehant.com

Vehant Technologies
Jl Arjuna Utara No. 35,
Kebun Jeruk, Jakarta
Barat - 11510, Indonesia
+62-811197681
globalsales@vehant.com

Vehant Technologies B.V.
Automotive House, Automotive
Campus 30, 5708 JZ Helmond,
Netherlands
+31-492703558
globalsales@vehant.com