VIRALERT
SAFE | EASY | ACCURATE

LAND
AMETEK®

HUMAN BODY TEMPERATURE SCREENING SYSTEM

Safe, easy and accurate, VIRALERT is designed to protect people from potential coronavirus carriers and those with other infectious diseases.

Using AMETEK Land's industry-leading thermal imaging technology, VIRALERT screens visitors at point-of-entry for elevated temperatures that could indicate fever.

Unlike handheld thermometers which compromise social distancing requirements, VIRALERT's automatic screening system scans from a distance that complies with social distancing.

Automatic visual and audible alerts provide the warning you need, keeping everyone safe.

Developed over ten years by AMETEK Land's world-leading temperature monitoring experts, VIRALERT is a real-time scanning solution that's safe, accurate, and easy to use.

FIXED TEMPERATURE REFERENCE SOURCE

• Small, light calibration source
• Easy installation/setup
• Removes key source of errors

HI-RESOLUTION IMAGING CAMERA

• Visual and thermal imaging
• Automatic face detection
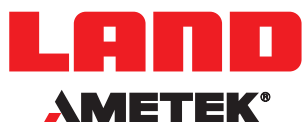• Single face-on reading

EASY-TO-USE SOFTWARE

• Intuitive interface
• Core temperature calculations
• Alarm setting recommendations

Images displayed here are of VIRALERT 3

SYSTEM	VIRALERT 2	VIRALERT 3
Contents	VIRALERT 2 Thermal imaging camera with 4m connection cable. VIRALERT 2 Blackbody temperature reference source with power adaptor and 2 m connection cable. Certificate of conformity. Quick start guide. Software available for free download from www.ametek-land.com	VIRALERT 3 Combined thermal and visual imaging camera with 4 m connection cable. VIRALERT 3 Blackbody temperature reference source with power adaptor and 3 m connection cable. Preinstalled single point mounting bracket. Certificate of conformity. Quick start guide. Software available for free download from www.ametek-land.com
Temperature Accuracy	+/- 0.5 °C / 0.9 °F (at a distance of 1 m)	+/- 0.5 °C / 0.9 °F (at a distance of 1 m)
Mounting	Separate mounting required for Blackbody and imager	Integrated single point system mounting
System weight (kg)	4 kg (without cables). 3.3 kg Blackbody reference/0.7 kg imager	0.75 kg (without cables)
System weight (lb)	8.8 lb (without cables). 7.3 lb Blackbody reference/1.6 lb imager	1.65 lb (without cables)
System dimensions (mm)	Blackbody (200 x 161 x 136), Imager (45 x 80 x 100)	System 350 x 110 x 90 (BBS: 65 x 60 x 35; Camera 100 x 80 x 45)
System dimensions (inches)	Blackbody (8 x 6.4 x 5.4), Imager (1.8 x 3.2 x 4)	System 14 x 4.4 x 3.6 (BBS: 2.6 x 2.4 x 1.4; Camera 4 x 3.2 x 1.8)

IMAGER

Interface	Wired Ethernet - Local PC	Wired Ethernet - Local PC
Power Supply Requirement Interfaces:	5 VDC (USB) - Local PC	5 VDC (USB) - Local PC
Operating Temperature Range:	10 to 50 °C / 50 to 122 °F	10 to 50 °C / 50 to 122 °F
Imager Thermal	Yes	Yes
Measurement Range	30 to 45 °C / 86 to 113 °F	30 to 45 °C / 86 to 113 °F
Detector Array Format	80 x 64 pixels	80 x 64 pixels
Detector	8 to 14 µm, Uncooled Thermopile Array	8 to 14 µm, Uncooled Thermopile Array
Frame rate	<9 Hz	<9 Hz
Temperature Resolution:	0.1 °C	0.1 °C / 0.2 °F
Field of View	39 x 31°	39 x 31°
Focus	Fixed focus, minimum 300 mm/12 inches	Fixed focus, minimum 300 mm/12 inches
Imager Visual	No	Yes
Image resolution	N/A	1.2 MP (1280 x 960)
Sensor type		CMOS
Frame rate		12 fps
Image type		Color

BLACKBODY TEMPERATURE REFERENCE SOURCE

Temperature	38 °C / 100.4 °F	38 °C / 100.4 °F
Target Size	80 x 120 mm / 3.2 x 4.8 inches	25 x 45 mm / 1 x 1.8 inches
Combined Accuracy / Stability	+/- 0.2 °C (+/-0.3 °F)	+/- 0.2 °C (+/-0.3 °F)
Power Supply Requirement	12 VDC power adaptor (supplied). US/JAPAN, EURO and UK plug compatible	5 VDC (USB Mini B) power adaptor (supplied). US/JAPAN, EURO and UK plug compatible
Operating Temperature Range	10 to 50 °C / 50 to 86 °F	0 to 35 °C /32 to 95 °F

SOFTWARE

Features	VIRALERT 2 Software: Continuous live thermal image. On-screen and audible alarm status. Simple traffic light display. Display 3rd party web cams. (no integration for face detection feature)	VIRALERT 3 Software: Continuous live picture in thermal and visual image. On-screen and audible alarm status. Simple traffic light display. Automatic face detection. Customisable prompts, alarms and messaging tailored to user workflow. Body mode enabling calculated core temperature from measured skin temperature.
Operating system	Windows 10	Windows 10
Recommended minimum PC specification	I3 processor or equivalent. 4 GB RAM. Minimum 1 x RJ45 port and 1 x USB-A port. 64 GB Hard disk.	I3 processor or equivalent. 4 GB RAM. Minimum 1 x RJ45 port and 1 x USB-A port. 64 GB Hard disk.
Languages supported	English only	English, Spanish, French, Chinese (simplified), Japanese, Korean, Portugese, Russian, German

CONTACT US

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Certificate No. CC-2041
APPLIES IN INDIA

UKAS CALIBRATION 0034
APPLIES IN THE UK

ISO 9001 sira UKAS

CERTIFIED LR UKAS 001

ANAB ACCREDITED CALIBRATION LABORATORY
APPLIES IN THE US

ISO 9001 REGISTERED MANAGEMENT SYSTEM