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
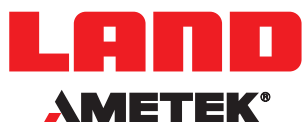• Automatic face detection
• Single face-on reading

EASY-TO-USE SOFTWARE

• Intuitive interface
• Core temperature calculations
• Alarm setting recommendations

Images and some features displayed here are of VIRALERT 3

SYSTEM	VIRALERT 3 LITE	VIRALERT 3
Contents	VIRALERT 3 LITE thermal 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	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	Integrated single point system mounting	Integrated single point system mounting
System weight (kg)	0.75 kg (without cables)	0.75 kg (without cables)
System weight (lb)	1.65 lb (without cables)	1.65 lb (without cables)
System dimensions (mm)	System 350 x 110 x 90 (BBS: 65 x 60 x 35; Camera 100 x 80 x 45)	System 350 x 110 x 90 (BBS: 65 x 60 x 35; Camera 100 x 80 x 45)
System dimensions (inches)	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)	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

	VIRALERT 3 LITE	VIRALERT 3
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 / 0.2 °F	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

	VIRALERT 3 LITE	VIRALERT 3
Temperature	38 °C / 100.4 °F	38 °C / 100.4 °F
Target Size	25 x 45 mm / 1 x 1.8 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	5 VDC (USB Mini B) 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	0 to 35 °C /32 to 95 °F	0 to 35 °C /32 to 95 °F

SOFTWARE

	VIRALERT 3 LITE	VIRALERT 3
Features	VIRALERT 3 LITE Software: Continuous live thermal image. On-screen and audible alarm status. Simple traffic light display.	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, Portuguese, Russian, German

LAND AMETEK®

CONTACT US

🌐 landviralert.com

@ land.enquiry@ametek.com

Certificate No. CC-2041
APPLIES IN INDIA

UKAS CALIBRATION 0034
APPLIES IN THE UK

ISO 9001 Registered Company
sira UKAS

CERTIFIED LR
ISO 14001:001/2015 UKAS 001

ANAB ACCREDITED ISO/IEC 17025 CALIBRATION LABORATORY

REGISTERED ISO 9001 MANAGEMENT SYSTEM
APPLIES IN THE US