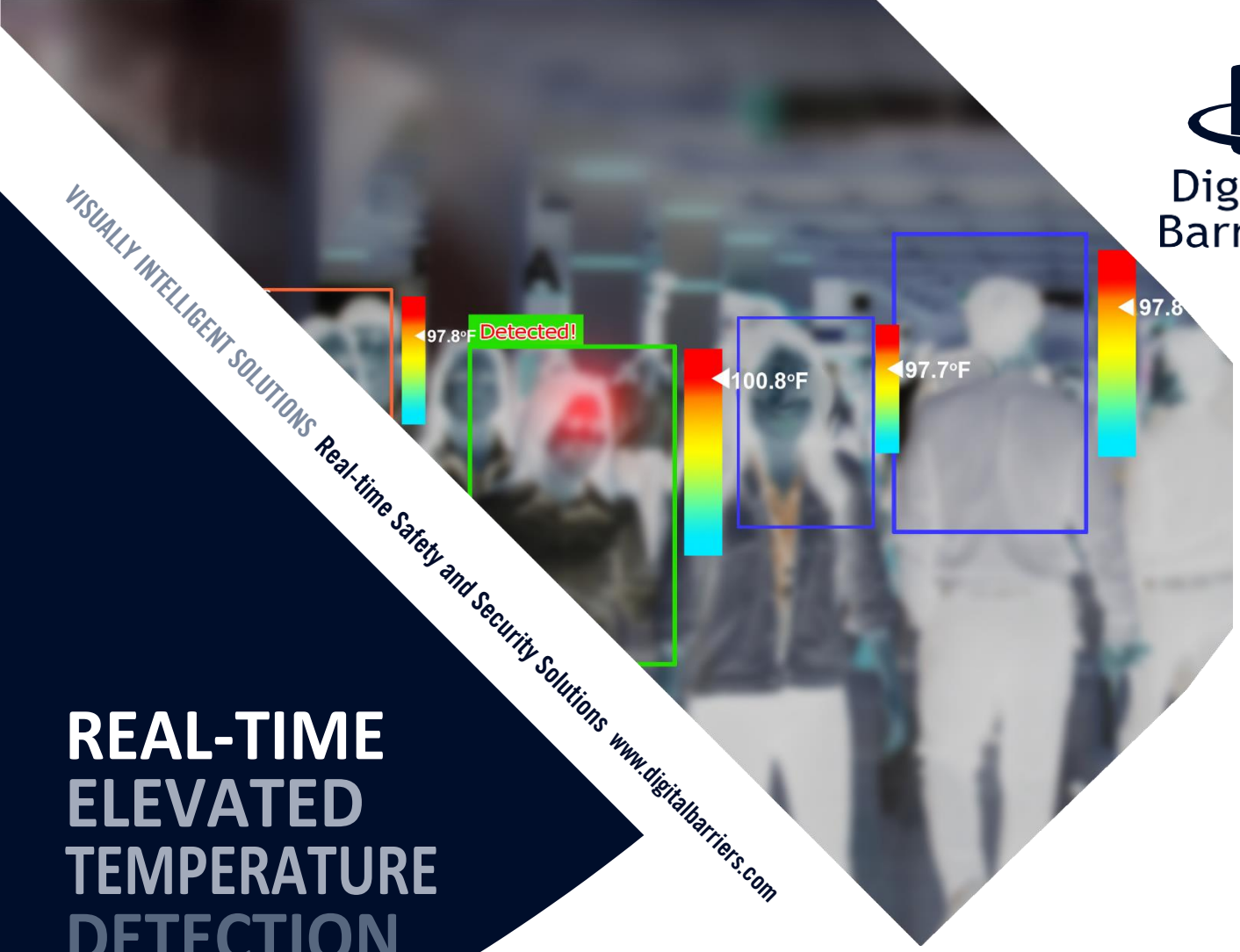
Digital Barriers

VISUALLY INTELLIGENT SOLUTIONS Real-time Safety and Security Solutions www.digitalbarriers.com



REAL-TIME ELEVATED TEMPERATURE DETECTION

Elevated Temperature Screening Solution

Thermal technologies and profiling systems have emerged as an important tool in uncovering elevated body temperatures, a general indicator that someone may be ill, thereby potentially exposing an underlying health condition.

Without a rapid diagnostic tool, thermal camera screening can provide hospitals, corporations, and government agencies with a highly effective means of detecting elevated body temperatures for early identification and alerting further ensuring the health and safety of others.

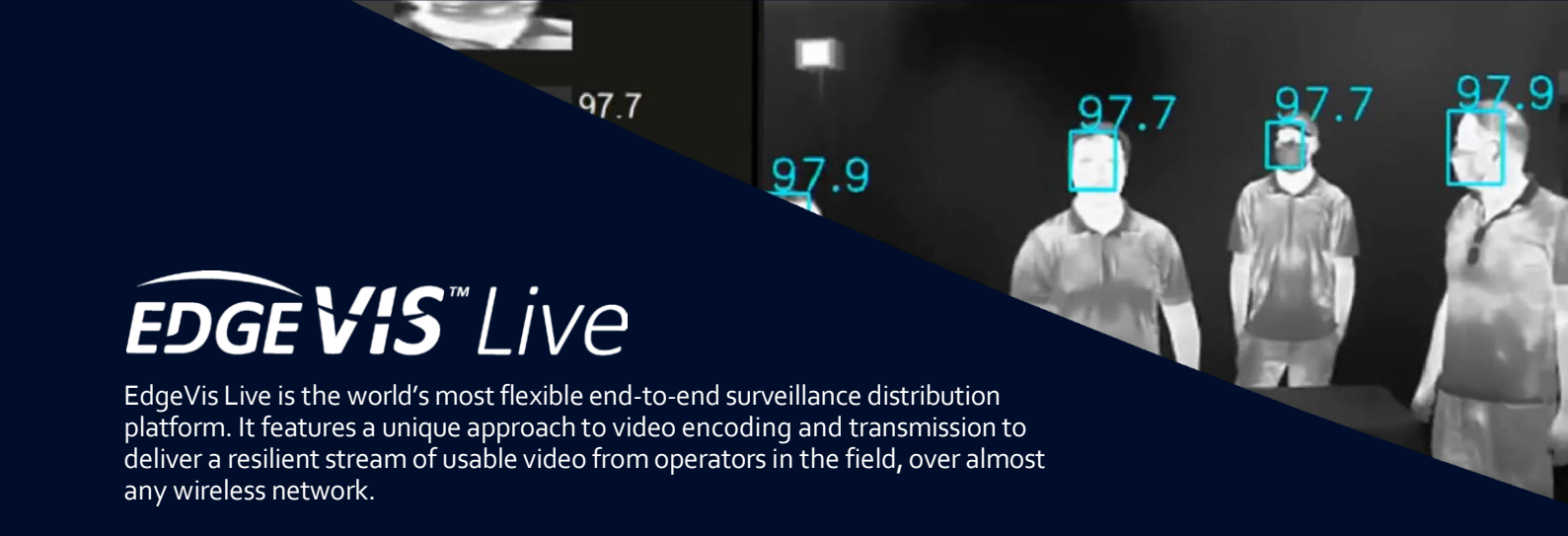
By combining EdgeVis Live, Digital Barriers' unique video streaming capability with a thermal and HD camera, users have the perfect standoff elevated temperature detection solution, ideal for remote locations or areas without existing infrastructures and when limiting human contact is essential.

Our bi-spectral camera provides HD images and local sound alarms that can be triggered when a specific temperature threshold is exceeded.

The thermal and HD camera can be deployed as a standalone system or as part of a network deployed system feeding back to centralized operations centers.

Thermal HD camera features:

- High accuracy (0.5F)
- High resolution 384 x 288 image
- SDK support
- HD visible camera with PiP display
- IP65 rated
- Custom colors available
- Paired blackbody for temperature reference
- Screens up to 100 people in 60 seconds
- Up to 8 people in FOV at once



EDGE VIS™ Live

EdgeVis Live is the world's most flexible end-to-end surveillance distribution platform. It features a unique approach to video encoding and transmission to deliver a resilient stream of usable video from operators in the field, over almost any wireless network.

Complete network control with access to full-res images and video

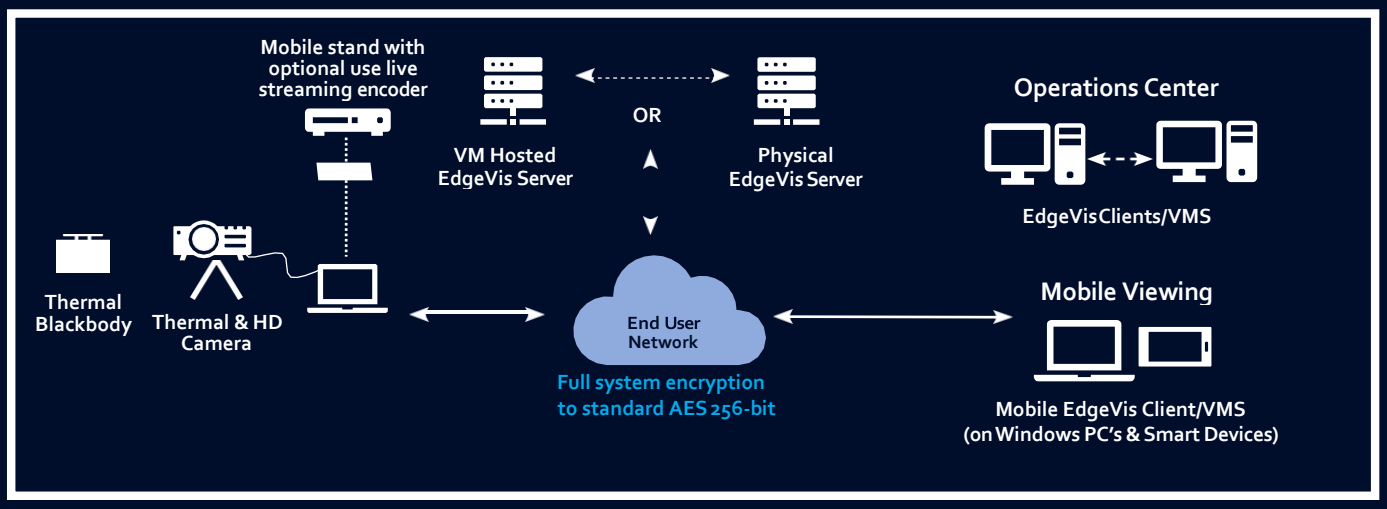
EdgeVis Live offers great flexibility and control for mobile viewers and operations centers. Even when viewing remote video streams on a mobile device, an operator is able to access HD images or V-PTZ the camera at source. In addition to viewing real-time surveillance, a user is able to access footage recorded at the edge remotely and securely.

Readily available and secure (AES 256-bit) video redistribution of live streams across LTE, Wi-Fi, Mesh, or LAN networks for an intelligence-led response.

Delivering live video from anywhere to anywhere

EdgeVis Live is designed for mobile real-time video streaming, addressing variability in networks and high levels of scene motion, that can render conventional solutions unusable. Active network adaptation ensures video never exceeds available bandwidth, maintaining a constant frame rate without latency or packet loss.

Our solutions have the unique ability to transmit usable surveillance on almost any network from almost any source.



Contact Digital Barriers for further details.

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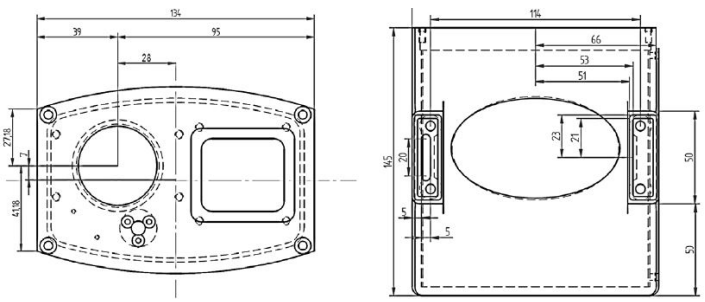
TECHNICAL SPECIFICATIONS

GENERAL	Frequency	50Hz
	Detector	VOx uncooled thermal FPA
	Field of View	47.0 ° (W) 35.6° (T)
	Resolution	384 x 288
	Pixel Size	17µm
	Lens	7.8mm
	Measurement Range	3 - 16 ft.
THERMAL IMAGE	Image Adjustments	Brightness, Contrast. Manual/Auto
	Polarity	Black Hot / White Hot
	Palette	18 palettes
	Digital Zoom	8× Continuous Digital Zoom (0.1x step size)
	Image Process Time	NUC / DDE / Digital Filtering Noise Reduction
	Image Flip	Left-Right / Up-Down / Diagonal
	ROI	Yes
TEMPERATURE MEASUREMENT	Measurement Range	32°F - 140°F
	Measurement Accuracy	±.33°F at 91°F - 108°F of target temperature (±0.5°F with blackbody)
	Working Temperature	61-90°F (with 0.5°F accuracy with blackbody)
	Measurement Tools	10 customized spots, highest/lowest spot, full frame temperature data, central spot, 12 lines/areas, isotherm
	Measurement Stable Time	≤10s (fastest)
	Temperature Correction	Manual / Auto Correction
VISIBLE CAMERA	Focal Length	8mm Fixed lens
	Image Sensor	1/2.8" CMOS (2.13MP)
	Resolution	1920 x 1080 (Full HD)
	Horizontal FOV	39°
	Focus	Fixed
	Minimum Sensitivity	0.1 lux
	PiP Display	Supported
	Other Features	De-Fog, WDR, Digital Noise Reduction

IMAGE PRESENTATION	Video Output	IP RTSP / SDK Integration
	Video over IP	H.264 RSTP and ONIVF Profile-S
TELEMETRY	Protocols	ONVIF Profile-S
	Interface	ONVIF Profile, Serial <> IP
PHYSICAL CHARACTERISTICS PRESENTATION	Part Number	RCF
	Input Voltage	Nominal 24VDC
	Power Consumption	Typical: 53W, Peak:100W
	Housing Material	Iridized aluminium, White powder marine grade paint finish (other colors available upon request)
	Camera Weight	5kg / 12.2lb
	Camera Size (mm)	H90 x W134 x D145
INTERFACES	Ethernet	Command and control of all functions including streaming of H.264 Video
	RS485	Command and control of all functions and Firmware Upgrade
ENVIRONMENTAL	IP Rating	IP65
	Temperature Range	-22°F up to 149°F (-40°F with optional heater)
BLACKBODY	Voltage Input	120-240VAC
	Power	260W Peak
	Working Temperature	41-212°F
	Time to Stabilise	<5 minutes
MINIMUM PC/LAPTOP HARDWARE SPECIFICATION	CPU	I5 (or equivalent)*
	RAM	8GB
	Operating System	Windows 10
	Monitor Resolution	HD
	Hard Drive	Minimum 256G
KIT CONTENTS	Fixed Modem	
	Tripod	
	Cable – 16 ft.	
	Power Supply	
	Monitoring Laptop	
	Blackbody reference	
	Storage and transportation box	

*The CPU processer should have a score greater than 7500 from the following Website: www.cpubenchmark



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WARNING REGARDING Conditions of USE

This Device is not FDA cleared or approved for medical diagnosis of illness or symptoms of illness.
Device is intended to be used only:

i. for triage purposes to perform initial body temperature measurement;
ii. where an elevated body temperature measurement is confirmed in the context of use with secondary evaluation methods (e.g., non contact infrared thermometer (NCIT) or clinical grade contact thermometer); and
iii. where such devices do not create an undue risk in light of the public health emergency.

Per U.S. Food and Drug Administration ("FDA") guidance ("Enforcement Policy for Telethermographic Systems During the Coronavirus Disease 2019 (COVID-19) Public Health Emergency" (April 2020)):

i. the Device should not be solely or primarily relied upon to diagnose or exclude a diagnosis of COVID-19, or any other disease;
ii. public health officials, through their experience with the Device in the particular environment of use, should determine the significance of any fever or elevated temperature based on the skin telethermographic temperature measurement;
iii. the system and technology should be used to measure only one subject's temperature at a time; and
iv. visible thermal patterns are only intended for locating the points from which to extract the thermal measurement.

Contact Digital Barriers or your local reseller for further details on our solutions

DBUS007 v.1.04 | E&OE. Specifications subject to change without notice.