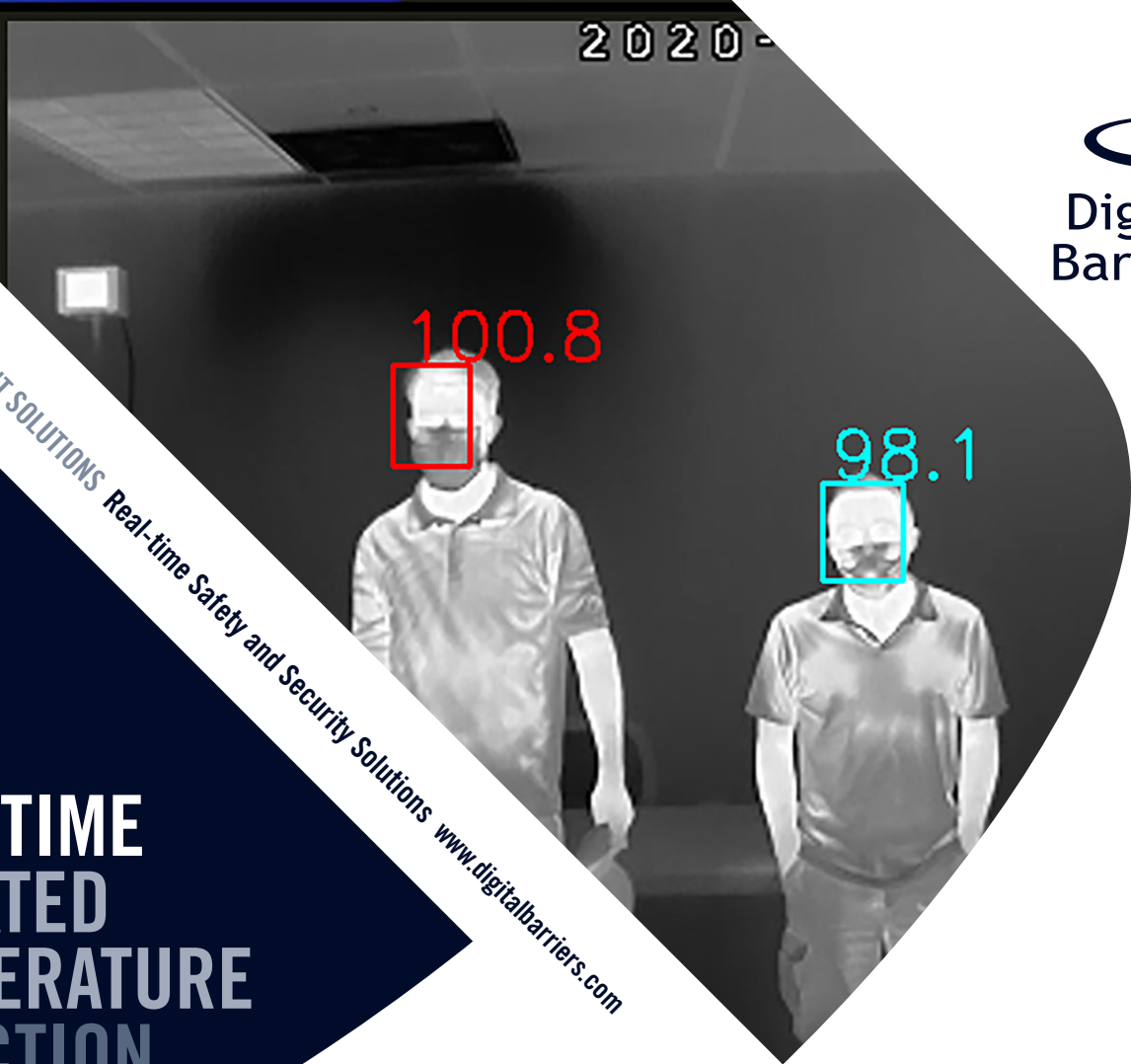


VISUALLY INTELLIGENT SOLUTIONS Real-time Safety and Security Solutions www.digitalbarriers.com

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 a 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.

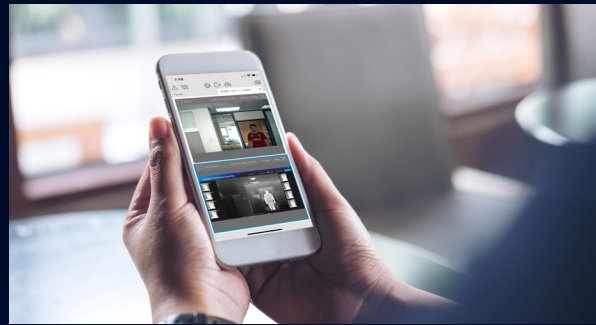


Thermal HD camera features:

- High accuracy (0.5F)
- High resolution 384 x 288 image
- SDK support
- HD visible camera with PiP display
- IP65 rated
- Custom colours 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

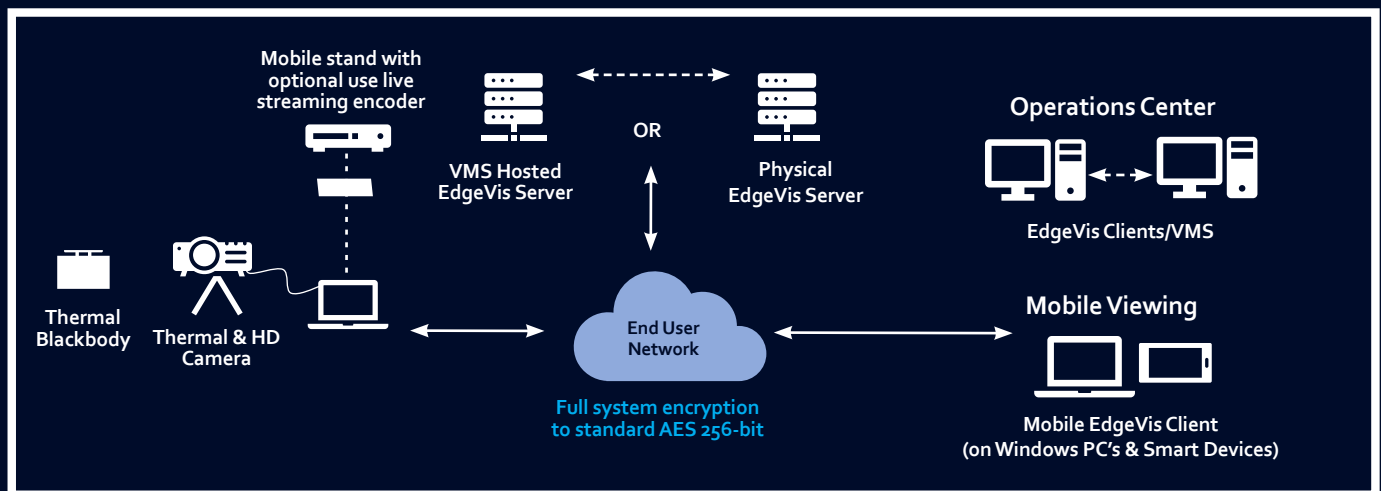
EdgeVis Live offers great flexibility and control for mobile viewers and operations centers. Even when viewing remote video streams on a mobile device, an operator is able to access HD images or V-PTZ the camera at source. In addition to viewing real-time surveillance, a user is able to access footage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

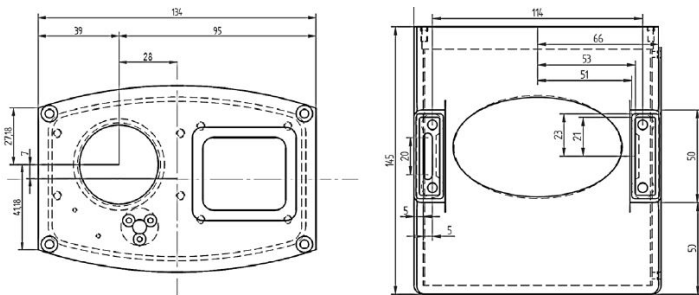
EdgeVis Live is designed for mobile real-time video streaming, addressing variability in networks and high levels of scene motion, that can render conventional solutions unusable. Active network adaptation ensures video never exceeds available bandwidth, maintaining a constant frame rate without latency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

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



TECHNICAL SPECIFICATIONS

GENERAL	Frequency	50Hz	IMAGE PRESENTATION	Video Output	IP RTSP / SDK Integration
	Detector	VOx uncooled thermal FPA		Video over IP	H.264 RSTP and ONIVF Profile-S
	Field of View	47.0° (H) 35.6° (V)	TELEMETRY	Protocols	ONVIF Profile-S
	Resolution	384 x 288		Interface	ONVIF Profile, Serial <> IP
	Pixel Size	17µm	PHYSICAL CHARACTERISTICS PRESENTATION	Part Number	RCF
	Lens	7.8mm		Input Voltage	Nominal 24VDC
	Measurement Range	3 - 16 ft.		Power Consumption	Typical: 53W, Peak:100W
THERMAL IMAGE	Image Adjustments	Brightness, Contrast. Manual/Auto		Housing Material	Iridized aluminium, White powder marine grade paint finish (other colours available upon request)
	Polarity	Black Hot / White Hot		Camera Weight	5kg / 12.2lb
	Palette	18 palettes		Camera Size (mm)	H90 x W134 x D145
	Digital Zoom	8x Continuous Digital Zoom (0.1x step size)	INTERFACES	Ethernet	Command and control of all functions including streaming of H.264 Video
	Image Process Time	NUC / DDE / Digital Filtering Noise Reduction		RS485	Command and control of all functions and Firmware Upgrade
Image Flip	Left-Right / Up-Down / Diagonal	ENVIRONMENTAL	IP Rating	IP65	
ROI	Yes		Temperature Range	-22°F up to 149°F (-40°F with optional heater)	
TEMPERATURE MEASUREMENT	Measurement Range	32°F - 140°F	BLACKBODY	Voltage Input	120-240VAC
	Measurement Accuracy	±.33°F at 91°F - 108°F of target temperature (±.5°F with blackbody)		Power	260W Peak
	Working Temperature	61-90°F (with 0.5°F accuracy with blackbody)		Working Temperature	41-212°F
	Measurement Tools	10 customized spots, highest/lowest spot, full frame temperature data, central spot, 12 lines/areas, isotherm	Time to Stabilise	<5 minutes	
	Measurement Stable Time	≤10s (fastest)	MINIMUM PC/LAPTOP HARDWARE SPECIFICATION	CPU	I5 (or equivalent)*
	Temperature Correction	Manual / Auto Correction		RAM	8GB
VISIBLE CAMERA	Focal Length	8mm Fixed lens		Operating System	Windows 10
	Image Sensor	1/2.8" CMOS (2.13MP)		Monitor Resolution	HD
	Resolution	1920 x 1080 (Full HD)		Hard Drive	Minimum 256G
	Horizontal FOV	39°	KIT CONTENTS	Fixed Modem	
	Focus	Fixed		Tripod	
	Minimum Sensitivity	0.1 lux		Cable – 16ft.	
	PiP Display	Supported		Power Supply	
	Other Features	De-Fog, WDR, Digital Noise Reduction		Monitoring Laptop	
			Blackbody reference		
			Storage and transportation box		



Mechanical Drawings

*The CPU processor should have a score greater than 7500

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

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