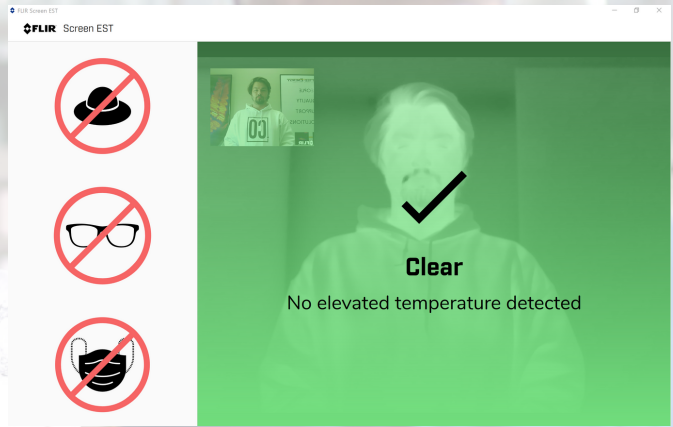


INTRODUCING...



THE CADET TEMPSCAN KIOSK

INCLUDES FLIR SCREEN-EST

NON-CONTACT SCREENING SOFTWARE WITH AUTOMATIC DETECTION AND MEASUREMENT FOR FASTER TRAFFIC THROUGH CHECK POINTS, FEATURING OUTWARD-FACING SCREENS TO GUIDE EMPLOYEES AND CUSTOMERS QUICKLY & SAFELY

EASY SET-UP AND OPERATION

INTEGRATES EASILY INTO WEB SERVICES WITH RESTFUL API OVER XML OR JSON; OFFERS STANDARD ETHERNET AND WI-FI CONNECTIVITY.

MAINTAIN SAFETY AND PRIVACY

ON-CAMERA FLIR SCREEN-EST MODE DOES NOT STORE IMAGES OR PERSONAL INFORMATION AND ALLOWS FOR SOCIAL DISTANCING IN SCREENING SETUPS.

- Increase Accuracy & Throughput
- 13 Inch Display
- FLIR A500-EST Camera
- Tear Duct (Inner Canthus) Scan
- Integrated i7 Surface Pro
- Zero US Government Banned Components

EMITTED ENERGY
Infrared Thermal Technologies
TEMPSCAN



SPECIFICATIONS

Imaging and optical data	A500-EST	A700-EST
infrared resolution	464 × 348 pixels	640 × 480 pixels
Visual camera resolution	1280 × 960	
Thermal resolution/NETD	<40 mK @ 30°C/86°F (24° lens)	
	<30 mK @ 30°C/86°F (42° lens)	
Lens	24° or 42°	
Focal length	17 mm (24° lens) or 10 mm (42° lens)	
Field of view	24° × 18° or 42° × 32°	
Spatial resolution (IFOV)	0.90 mrad/pixel (24° lens)	0.66 mrad/pixel (24° lens)
	1.66 mrad/pixel (42° lens)	1.20 mrad/pixel (42° lens)
Focus	One-shot contrast, motorized, manual	
Framerate	30 Hz	
Detector data		
Focal plane array/spectral range	Uncooled microbolometer/7.5–14 μm	
Detector pitch	17 μm	12 μm
Screening mode		
Temperature measurement range	15°C to 45°C (59°F to 113°F)	
Screening accuracy (diff)	±0.3°C (±0.5°F)	
Image presentation		
Digital data streaming	Simultaneous thermal and visible	
Command and control	Ethernet and Wi-Fi	
Ethernet		
Ethernet connector type and standard	M12 8-pin X-coded, Female; 1000 Mbps, IEEE 802.3	
Ethernet power	Power over Ethernet, PoE IEEE 802.3af class 3	
Ethernet protocols	Modbus TCP Master, Modbus TCP Slave, EthernetIP, IEEE 1588, MQTT, SNMP, TCP, UDP, SNTIP, RTSP, RTP, HTTP, HTTPS, ICMP, IGMP, sftp (server), FTP (client) SMTP, DHCP, MDNS (Bonjour), uPnP	
Wi-Fi		
Connector type and standard	Female RP-SMA; IEEE802.11a/b/g/n	
Connections	Peer to peer (ad hoc) or Infrastructure (network)	
General		
Power	PoE	
External voltage	Allowed range = 18-56 VDC, 8 W max	
Size (L × W × H)	123 × 77 × 77 mm (4.84 × 3.03 × 3.03 in)	
Weight	0.82 kg (1.8 lb)	
Mounting	Base mounting: 4 × M4 on 4 sides	
	Tripod mounting: UNC ¼"-20 on 2 sides	
Box contents	infrared camera with lens, Ethernet cable M12 to RJ45F (0.3 m/0.98 ft), printed documentation including login for web interface	