

Network thermal imaging cameras

The all-digital Sarix TI thermal imaging camera system represents the evolution of thermal imaging by delivering industry-leading image quality and the performance, features, and ease of integration that security professionals demand. Visit www.pelco.com/sarixti to learn more.

Sarix TI thermal IP pan/tilts



ESTI3* Series
384x288 resolution



ESTI6* Series
640x480 resolution

Sensor	Sun-safe Amorphous Silicon Long Wave Infrared (LWIR) Microbolometer	Sun-safe Amorphous Silicon Long Wave Infrared (LWIR) Microbolometer
Pixel Size	25 micron	17 micron
Sensitivity (NETD)	<50 mK at f/1.0	<50 mK at f/1.0
Processors	3	3
Scanning	Progressive	Progressive
Lens Options	14.25 mm 35 mm 50 mm 100 mm	35 mm 50 mm 100 mm
Field Of View (H/V/D)	44°/33°/54° 18°/13°/22° 12°/9°/15° 6°/5°/8°	18°/13°/22° 12°/9°/15° 6°/5°/8°
Array Format / Effective Resolution	384x288 / 110,592	640x480 / 307,200
Spectral Response	7.5 to 13.5 μm (LWIR)	7.5 to 13.5 μm (LWIR)
Normalization Source	Internal shutter (offset only), 0.3 second video freeze during shutter	Internal shutter (offset only), 0.3 second video freeze during shutter
Display Formats	White hot, black hot, and rainbow	White hot, black hot, and rainbow
Built in Analytics	Adaptive motion, camera sabotage, loitering detection, object counting, stopped vehicle	Adaptive motion, camera sabotage, loitering detection, object counting, stopped vehicle
Alarm Inputs	1	1
Relay Outputs	1	1
Compression Formats	H.264 High, Main, or Base Profile, M-JPEG	H.264 High, Main, or Base Profile, M-JPEG
Video Streams	Up to 2 simultaneous streams	Up to 2 simultaneous streams
Video Resolutions / Frame Rate	384x288, 320x240, or 320x176 (16:9) / 8.3, 25, or 30 ips	640x480 or 320x240 / 8.3, 25, or 30 ips
Network Protocols	TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), 802.1x (EAP)	TCP/IP, UDP/IP (Unicast, Multicast IGMP), UPnP, DNS, DHCP, RTP, NTP, IPv4, SNMP, QoS, HTTP, HTTPS, LDAP (client), SSH, SSL, SMTP, FTP, mDNS (Bonjour), 802.1x (EAP)
Local Storage	Micro SD	Micro SD
Audio	UTP 600 ohm mono, 12 VDC power source, line level/external microphone input, 1 Vp-p maximum signal level	UTP 600 ohm mono, 12 VDC power source, line level/external microphone input, 1 Vp-p maximum signal level
Audio Compression	G.711 PCM 64 kbit/s	G.711 PCM 64 kbit/s
USB Expansion Ports	No	No
Users	Unicast - Up to 20 simultaneous users depending on resolution settings (2 guaranteed streams); Multicast - Unlimited users H.264	Unicast - Up to 20 simultaneous users depending on resolution settings (2 guaranteed streams); Multicast - Unlimited users H.264
POE	No	No
Analog Output	Yes, BNC, 75 ohms, unbalanced, NTSC, or PAL 1Vp-p	Yes, BNC, 75 ohms, unbalanced, NTSC, or PAL 1Vp-p
Pan / Tilt Features	360° continuous pan / +33° to -83° tilt from horizontal	360° continuous pan / +33° to -83° tilt from horizontal
Analog Data Formats	Coaxitron, RS-422 (P or D)	Coaxitron, RS-422 (P or D)
Presets / Preset Speed / Preset Tours	255 / 100° per sec / yes	255 / 100° per sec / yes
Power	24 VAC/115 VAC/230 VAC	24 VAC/115 VAC/230 VAC
Certifications	FCC and CE-Class A; UL Listed; C-Tick; NEMA 4/IP66; Shock and Vibration, Meets NEMA TS 2; IEC613736-8, -9, -10	FCC and CE-Class A; UL Listed; C-Tick; NEMA 4/IP66; Shock and Vibration, Meets NEMA TS 2; IEC613736-8, -9, -10
Warranty	3 Years	3 Years