CROUSE-HINDS SERIES

SF26 thermal image analogue series - UL range

Fixed camera station, ordinary location



Overview

The Oxalis SF26 thermal imager is a fixed camera housing for use in onshore, offshore, marine and heavy industrial environments where thermal imaging is required for specific process or security applications.

The camera housings are designed specifically for the Americas markets or where UL ordinary location standards have been specified. As a result they utilise NPT entries as standard to maximise compatibility with existing installations.

Our camera stations are designed and manufactured for longevity in harsh environments, require minimal maintenance and are fully certified to UL standards.

See separate datasheets for other global certification ranges.

Features

- Electro-polished 316L stainless steel on all welded assemblies
- Camera station window in toughened glass
- · Pole or wall mounting options (see separate datasheets)
- NPT entries as standard
- 3 different size lens options
- 4 resolution/frequency rating options
- Various camera module options
- Options also available for IP, analogue, hybrid, IP over Coax and direct fibre out* - see specific datasheet
- Supply voltage options 24 VAC
- -58°F to +158°F* operating temperature
- IP66/67

*Model dependent





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All specifications, dimensions, weights and tolerances are nominal (typical) and Eaton reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.

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T336 75-8.3Hz Unccoled VOx microbolometer thermal imaging camera, including TCI Interface PCB for functionality over standard R5485 protocol Commands 336 x 256 resolution, 17µ pixel size, 75Hz NTSC/8.3Hz PAL exportable frame rate, digital detail enhancement T640 7.5-8.3Hz Unccoled VOx microbolometer thermal imaging camera, including TCI Interface PCB for functionality over standard R5485 protocol Commands. 640 x 512 resolution (PAL), 17µ pixel size, 75Hz NTSC/8.3Hz PAL exportable frame rate, digital detail enhancement T336 25-30Hz Unccoled VOx microbolometer thermal imaging camera, including TCI Interface PCB for functionality over standard R5485 protocol Commands 366 x 256 resolution, 17µ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing T640 25-30Hz Unccoled VOx microbolometer thermal imaging camera, including TCI Interface PCB for functionality over standard R5485 protocol Commands. 640 x 512 resolution (PAL), 17µ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing T640 25-30Hz Unccoled VOx microbolometer thermal imaging camera, including TCI Interface PCB for functionality over standard R5485 protocol Commands. 640 x 512 resolution (PAL), 17µ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing Thermal core lens options FoV 17° x 13° (336 x 256) / FoV 32° x 26° (640 x 512) Detection of object 4m x 1.5m: Typical 1550m 19mm lens FoV 13° x 10° (336 x 256) / FoV 25° x 20° (640 x 512) Detection of object 4m x 1.5m: Typical 2200m	Weight (lb)	Up to 18lb depending on configuration	6 06
TCI Interface PCB for functionality over standard RS485 protocol Commands 336 x 256 resolution, 17µ pixel size, 75Hz NTSC/8.3Hz PAL exportable frame rate, digital detail enhancement T640 75-8.3Hz Uncooled VOx microbolometer thermal imaging camera, including TCI Interface PCB for functionality over standard RS485 protocol Commands 364 x 512 resolution (PAL), 17µ pixel size, 75Hz T336 25-30Hz Uncooled VOx microbolometer thermal imaging camera, including TCI Interface PCB for functionality over standard RS485 protocol Commands 336 x 256 resolution, 17µ pixel size, 30Hz T640 25-30Hz Uncooled VOx microbolometer thermal imaging camera, including TCI Interface PCB for functionality over standard RS485 protocol Commands 336 x 256 resolution, 17µ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing T640 25-30Hz Uncooled VOx microbolometer thermal imaging camera, including TCI Interface PCB for functionality over standard RS485 protocol Commands. 640 x 512 resolution (PAL), 17µ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing Thermal core lens options Tor V17° x 13° (336 x 256) / FoV 32° x 26° (640 x 512) Detection of object 4m x 1.5m: Typical 1550m 19mm lens FoV 17° x 10° (336 x 256) / FoV 25° x 20° (640 x 512) Detection of object 4m x 1.5m: Typical 2200m	Thermal core module opti	ons	
TCl Interface PCB for functionality over standard RS485 protocol Commands. 640 x 512 resolution (PAL), 17µ pixel size, 75Hz NTSC/8.3Hz PAL exportable frame rate, digital detail enhancementT336 25-30HzUncooled VOx microbolometer thermal imaging camera, including TCl Interface PCB for functionality over standard RS485 protocol Commands 336 x 256 resolution, 17µ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing6.24 [159]T640 25-30HzUncooled VOx microbolometer thermal imaging camera, including TCl Interface PCB for functionality over standard RS485 protocol Commands. 640 x 512 resolution (PAL), 17µ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing6.24 [159]6.24 [159]T640 25-30HzUncooled VOx microbolometer thermal imaging camera, including TCl Interface PCB for functionality over standard RS485 protocol Commands. 640 x 512 resolution (PAL), 17µ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing6.24 [159]6.24 [159]Thermal core lens options19mm lensFoV 17° x 13° (336 x 256) / FoV 32° x 26° (640 x 512) Detection of object 4m x 1.5m: Typical 1550m25mm lensFoV 13° x 10° (336 x 256) / FoV 25° x 20° (640 x 512) Detection of object 4m x 1.5m: Typical 2200m	T336 7.5-8.3Hz	TCI Interface PCB for functionality over standard RS485 protocol Commands 336 x 256 resolution, 17µ pixel size, 7.5Hz NTSC/8.3Hz	
TCI Interface PCB for functionality over standard RS485 protocol Commands 336 x 256 resolution, 17μ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing 6.24 [159] T640 25-30Hz Uncooled VOx microbolometer thermal imaging camera, including TCI Interface PCB for functionality over standard RS485 protocol Commands. 640 x 512 resolution (PAL), 17μ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing 6.24 [159] Thermal core lens options Totage PCB for functionality over standard RS485 protocol Commands. 640 x 512 resolution (PAL), 17μ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing 6.24 [159] Thermal core lens options FoV 17° x 13° (336 x 256) / FoV 32° x 26° (640 x 512) Detection of object 4m x 1.5m: Typical 1550m 25mm lens FoV 13° x 10° (336 x 256) / FoV 25° x 20° (640 x 512) Detection of object 4m x 1.5m: Typical 2200m	T640 7.5-8.3Hz	TCI Interface PCB for functionality over standard RS485 protocol Commands. 640 x 512 resolution (PAL), 17µ pixel size, 7.5Hz	
T640 25-30Hz Uncooled VOx microbolometer thermal imaging camera, including TCI Interface PCB for functionality over standard RS485 protocol Commands. 640 x 512 resolution (PAL), 17µ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and licensing ENTRIES Thermal core lens options FoV 17° x 13° (336 x 256) / FoV 32° x 26° (640 x 512) Detection of object 4m x 1.5m: Typical 1550m 25mm lens FoV 13° x 10° (336 x 256) / FoV 25° x 20° (640 x 512) Detection of object 4m x 1.5m: Typical 2200m	T336 25-30Hz	TCI Interface PCB for functionality over standard RS485 protocol Commands 336 x 256 resolution, 17µ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export	
19mm lens FoV 17° x 13° (336 x 256) / FoV 32° x 26° (640 x 512) Detection of object 4m x 1.5m: Typical 1550m 25mm lens FoV 13° x 10° (336 x 256) / FoV 25° x 20° (640 x 512) Detection of object 4m x 1.5m: Typical 2200m	T640 25-30Hz	TCI Interface PCB for functionality over standard RS485 protocol Commands. 640 x 512 resolution (PAL), 17µ pixel size, 30Hz NTSC/25Hz PAL frame rate, digital detail enhancement. Subject to export restrictions and	
25mm lens FoV 13° x 10° (336 x 256) / FoV 25° x 20° (640 x 512) Detection of object 4m x 1.5m: Typical 2200m	Thermal core lens options		
	19mm lens	FoV 17° x 13° (336 x 256) / FoV 32° x 26° (640 x 512) Detection of object 4m x 1.5m: Typical 1550m	
	25mm lens	FoV 13° x 10° (336 x 256) / FoV 25° x 20° (640 x 512) Detection of object 4m x 1.5m: Typical 2200m	
	35mm lens	FoV 9.3° x 7.1° (336 x 256) / FoV 18° x 14° (640 x 512) Detection of object 4m x 1.5m: Typical 3000m	

Ordering requirements The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box

