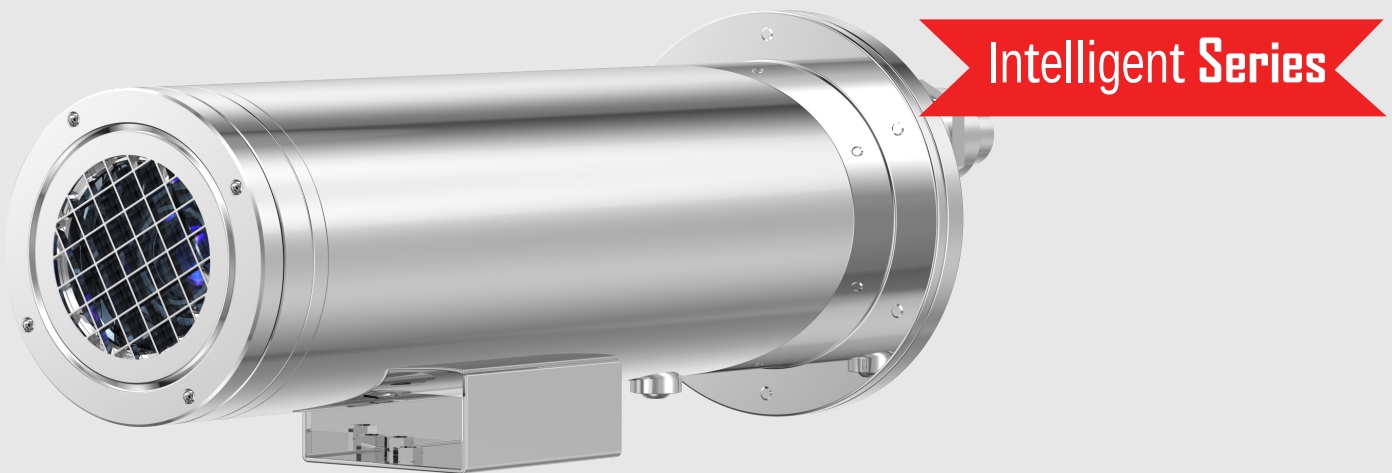


CSP-I384 EXT I-7/13/25mm Explosion Proof Thermal Camera



KEY FEATURES

- ATEX, IECEx Certified;
- Applicable for Gas Zone 1, Zone 2, Class II A, IIB, IIC, T1-T6 group)
Dust Zone 21, 22.
- Certified for the latest standards IEC/EN60079
- Stainless steel 304 or 316L enclosure
- Surface optional electro-polished or painting
- Weather Proof IP66, IP68(2m/2h), IP69
- Wide voltage input: 100 ~ 240V a.c. or 24V a.c. or 24V d.c. or 12V d.c. or PoE++(48V d.c.)
Strong tempered glass, fit for hydrofluoric acid area
- Intelligent window defroster design
- Auto temperature adjust kit for aggressive area
- High precision wiper , support user-defined
- Wall, pole, ceiling mounted way



Email: sales@canadasecurity.com
Website: canadasecurity.com

US : +1 301 900 1000
CA : +1 289 800 9000

Application

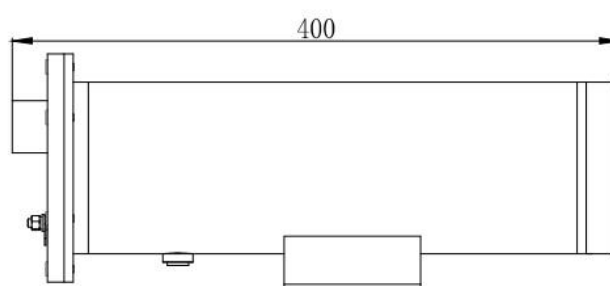
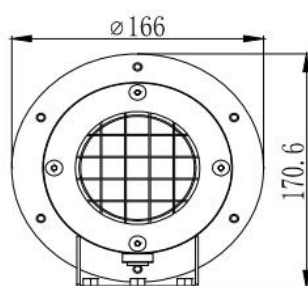
The CSP-I384 is a classic explosion-proof thermal camera designed by CASE.

This explosion-proof camera is suitable for Zone 1 and Zone 2 hazardous areas where explosive mixtures of Group IIA, IIB, or IIC gases, vapors, and air may be present (T1 to T6), as well as Zone 21 and Zone 22 areas where explosive dust may exist. It is widely used in refining and chemical industries, oil extraction, gas production, fireworks manufacturing, grain production and storage, petrol stations, and similar environments.

Certification	
ATEX Certificate Mark	  2G Ex db C T6 Gb,  2D Ex tb C T80 °C Db
Certificate	DNV 22 ATEX 54162X, IECEx DNV 22.0101X
Mechanical	
Housing	Stainless steel 304 or 316L
IP	IP66, IP68(2m/2h), IP69
Cable thread hole	2pcs M27×1.25 or M25×1.5
Glass	GE glass
Electrical	
Voltage	100 ~ 240V a.c. or 24V a.c./d.c. or 12V d.c. or PoE++(48V d.c.)
Power	≤ 24W
Optional surge protector	TVS 6000V
Optional within fiber optical cable	Multimode, or signal mode
Ambient	
Ambient temperature	-40°C ~ +60°C
Air pressure	80KPa ~ 110KPa
Relative Humidity	95% (no condensation)
Thermal Camera	
Detector Type	Uncooled Vanadium Oxide Focal Plane Detector
Resolution	384×288
Lens	7mm、13mm、25mm
Pixel pitch	17 μm
Response Band	8 ~ 14 μm
Thermal sensitivity (NETD)	≤ 40mK@f/1.0
Pseudo Color	Support 18 palettes
Temperature measurement range	-20 ~ +150 , 0 ~ +550
High and low gain mode	High gain, low gain, high and low gain automatic switching
Temperature measurement accuracy	±2 or ±2% of reading (whichever is greater) @ambienttemperature -20 ~ -60
Network protocol	Ethernet/IP, TCP, UDP, SNTP, RTSP, HTTP, ICMP,SMTP, DHCP,
Video compression standard	H.264/H.265
Video format	mp4 , mov

General	
Cable	integrated cable
Size	400*166*171mm
Weight	8.6kg
Mounted	wall, pole
Wall bracket	CSP-100

DIMENSIONS (Unit: mm)



Relatives



CSP-300 EX Optical Box



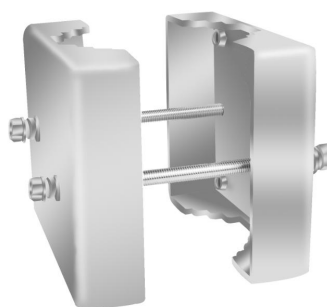
CSP-G EX glands



CSP-100 Wall bracket with mount adapter



CSP-600CB corner bracket



CSP-600PMB Pole mount adapter