CASE™
CANADA SECURITY

CSP-I1280R4 IZ-350/1200mm

Multi-spectrum PTZ Camera

Intelligent Series



24/7 Support

NDAA COMPLIANT

KEY FEATURES

- Equipped with the latest generation 12μm uncooled infrared detector, it is integrated with advanced infrared image algorithms, providing longer and clearer imaging
- Satisfy the all-weather 24-hour security monitoring requirements with its visible light and thermal imaging dual-spectrum imaging
- Supporting 25~225mm,35~350mm continuous zoom infrared lenses, meeting the need for long-distance detection
- Support intelligent analysis of behaviors such as dual-spectrum tripwire intrusion and regional intrusion
- Support intelligent smoke and fire detection, intelligent infrared video analysis, satisfy the need for forest fire prevention and smart fire protection
- Integrate high-speed and high-accuracy PTZ, ingress protection rating of IP66
- Support standard ONVIF and GB28281 interface protocol, and provide SDKs and supporting NVR software

Email: sales@canadasecurity.com
Website: canadasecurity.com
US : +1 301 900 1000
CA : +1 289 800 9000

CASE™
CANADA SECURITY

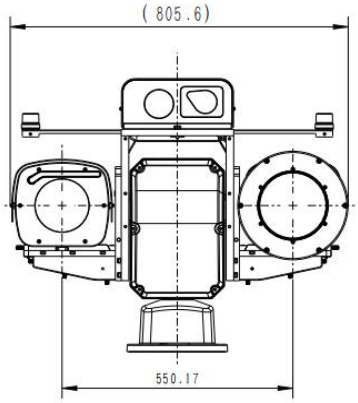
SPECIFICATIONS

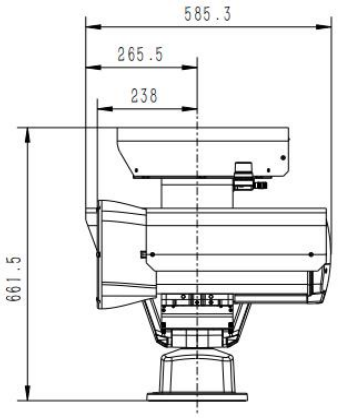
Thermal	
Sensor Type	Uncooled VOx infrared detector
Spectral Band	8~14μm
NETD	≤40mK(@25°C,F#1.0,25Hz)
Max. Resolution	1280×1024
Pixel Pitch	12μm
Focal Length	35~350mm
Focus Mode	Automatic/Manual/One-off automatic
FOV	22.1°×12.6°~0.37°×0.21°
F number	F0.92~F1.5
Spatial Resolution	0.343~0.034mrad
Visible	
Sensor Type	1/1.8" 4 megapixel CMOS image sensor
Max. Resolution	2688×1520
Focal Length	20~1200mm
Focus Mode	Automatic/Manual/One-off automatic
FOV	22.1°×12.6°~0.37°×0.2°
WDR	Supported
Day/Night Switching	Manual/Automatic
Fog Penetration	Support optical fog penetration
Stabilization	Support electronic and optical image stabilization (optional for optical image stabilization)
LRF	
Spectral Band	1535±5nm
Effective distance	15km
Laser illumination	
Spectral Band	808±10nm
Effective distance	3km
GNSS	
Orientation Accuracy	0.3°
Positioning Accuracy	Centimeter-level positioning accuracy
PTZ	
Pan Range	360° continuous
Pan Speed	0.01°～120°/s
Tilt Range	120°/s2
Tilt Speed	-90°～+90°
Scan Mode	0.01°～60°/s
Pan Range	120°/s2
Scan mode	Preset/Tour/Patrol Scan/Linear Scan/Pattern Scan
Network	
Protocol	TCP/IP,UDP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS, RTP,RTSP,RTCP,IGMP,SMTP, NTP, QoS
Development	ONVIF/GB28181/SDK
Simultaneous Live View	Max. 20 channels
User Management	Max. 20 users, 2 levels: Administrator and User
Browser	Edge, Chrome

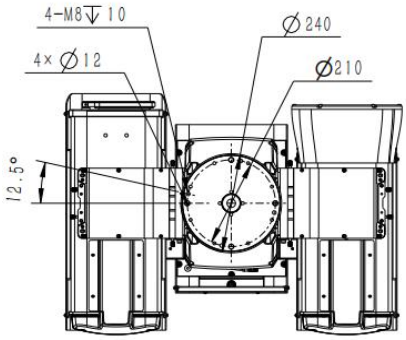
Video	
Max. Resolution	2688×1520(Visible)，1280×1024(Thermal)
Image	JPEG
Audio encoding	G.711A/G.711Mu/PCM/AAC/MPEG2-Layer2
Video encoding	H.264/H.265/MJPEG
Main stream	Visible: 50Hz:25fps(2688×1520,2560×1440,1920×1080) 60Hz:30fps(2688×1520,2560×1440,1920×1080) Thermal: 50Hz:25fps(1920×1080,1280×1024,1024×768)
Sub stream	Visible: 50Hz:25fps(1920×1080,1280×720,704×576,352× 288) 60Hz:30fps(1920×1080,1280×720,704×480,352×240) Thermal: 50Hz:25fps(1024×1024,640×512,320×256)
Smart	
Fire detection	support
Zoom linkage	support
Smart Record	Alarm trigger recording, disconnection trigger recording (continue transmission after connection)
Smart Alarm	Support alarm trigger of network disconnection, IP address conflict, SD card full, SD card error, illegal access, and abnormal detection
Smart Detecting	Support smart video analysis such as tripwire/intrusion detection
Smart recognition	Support the recognition and tracking of people, vehicles, ships, UAVs, and aircraft
Alarm Linkage	Recording/Snapshot/E-mail/PTZ linkage/Alarm output
System Interfces	
Power Supply	DC 48V±15%
Communication	RJ45 self-adaptive 10M / 100M Ethernet port
Audio Interface	1 channel input, 1 channel output
Alarm Interface	7-channel input, 2-channel output
Storage Interface	Support Micro SD card (Max. 1TB)
Communication	1-channel RS485
General	
Operating Conditions	-40℃～+70℃；<90%RH
Protection Grade	IP66, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Power Consumption	Max.270W
Dimensions	805.6mm×661.5mm×585.3mm(W×H×L)
Weight	74KG
Effective Range	
Vehicle Detection Distance	44.7km
Human Detection Distance	14.6km
Vehicle Recognition Distance	11.2km
Human Recognition Distance	3.6km
Vehicle Identification Distance	5.6km
Human Identification Distance	1.8km

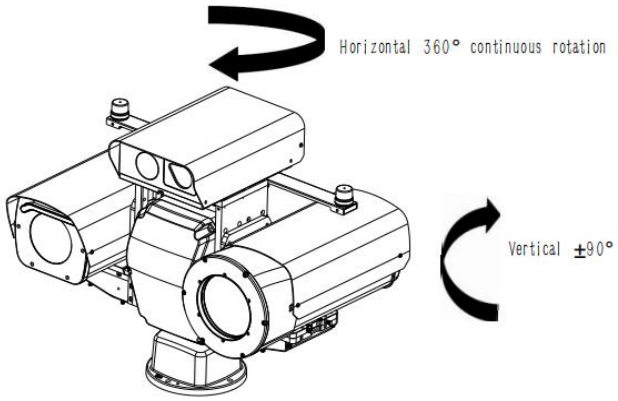
** Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.*

DIMENSIONS (Unit: mm)









Email: sales@canadasecurity.com
Website: canadasecurity.com
US : +1 301 900 1000
CA : +1 289 800 9000