

DGV-VISIR315PTZ64-65XC

RECOGNIANCE AND SURVEILLANCE PTZ



- 1/1.8" 8 MP high sensitivity image sensor, Min. Illumination: 0.001Lux (Color)
- 65x Fusion Optical Zoom (f: 6~400 mm), Accurate and fast auto focus (max. 2 sec).
- Supports Optical-Defog, HLC, BLC, WDR, Suitable for a wide range of applications.
- 1280*1024 (the resolution of output image is 1280 × 1024), 12μm VOx UFPA; (Focal length options)
- Network output, the LWIR and visible camera have the same web interface and have analytics.
- Supports 24-hour continuous operation with a motor and drive life of over 1 million cycles.
- Worm gear construction with repeatable positioning accuracy of 0.12° and self-locking in case of power off.
- Pan Range: 360° continuous rotation, speed 0.2° ~ 30°/Sec; Tilt Range: -45° ~ +45°, speed 0.3° ~ 13°/Sec.
- Supports ONVIF, Compatible with VMS and network devices from leading manufacturers.
- Corrosion resistance rating: ASTM B117 / ISO 9227 (2000 hours) in accordance with classification society standards, IP66, TVS 6000V.

Visible	Sensor	1/1.8" Sony Progressive Scan CMOS-8MP pixels
	Pixel Pitch	2µm x 2µm
	Focal Length	6 ~ 400 mm
	Zoom	65X
	Aperture	FNo: 1.4 ~ 4.5
	FOV	65.2° (H) *39.6° (V) ~ 1.12° (H) * 0.63° (V)
	Close Focus Distance	1m ~ 1.5m (Wide ~ Tele)
	Resolution	Mainstream: 2688*1520@25/30fps; 1080P@25/30fps; 720P@25/30fps Sub Stream1: D1@25/30fps; CIF@25/30fps Sub Stream2: 1080P@25/30fps; 720P@25/30fps; D1@25/30fps
	S/N Ratio	≥55dB (AGC Off, Weight ON)
	Image Stabilisation	Electronic Image Stabilisation (EIS built-in gyro sensor)
	Min Illumination	Colour: 0.001Lux/F1.5
	Defog	Electronic-Defog / Optical-Defog
	Exposure Comp	Support
	WDR	Support
	HLC	Support
	Day/Night	Auto (ICR)/Manual (Colour, B/W)
	Heat Haze Reduction	Support
	Zoom Speed	6.5 Sec (Optics, Wide ~ Tele)
	White Balance (WB)	Auto/Manual/Indoor/Outdoor/ATW/Sodium Lamp/Natural/Street Lamp/One Push
	Shutter Speed	1/1 ~ 1/30000 Sec
	Exposure Model	Auto/Manual, Aperture/Shutter/Gain Priority
	Noise Reduction	2D / 3D
	Digital Zoom	16X
	Flip	Support
	Focus Model	Auto/Manual/Semi-Auto
LWIR	Detector Type	Uncooled VOx Microbolometer, 1280 (H)×1024 (V)
	Pixel Pitch	12µm
	Resolution	1280 × 1024@ 25fps
	NETD	<50 mK
	Spectral Band	8~14µm
	Focal Length	30 ~ 150mm
	Aperture	F0.85 ~ F1.2
	FOV	14.7° (H) * 11.7° (V) ~ 2.9° (H)* 2.3° (V)
	DRI	D:6000m, R:1200m, I:600m (According to Johnson Criteria)
	Pseudo-Colour	Support white heat, black heat, fusion, rainbow, etc. 11 kinds of pseudo-colour adjustable
Network & Intelligence Function	Network Protocols	ONVIF, HTTP, RTSP, RTP, TCP, UDP, IPv4, IPv6
	Compression	H.265/H.264/H.264H/MJPEG
	Storage Capabilities	TF card, up to 256GB
	IVS	Tripwire, Intrusion, Loitering, etc.

	General Events	Motion Detection, Tamper Detection, Scene Changing, Audio Detection, SD Card, Network, Illegal Access
Pan & Tilt Unit	Speed	Pan: 0.2° ~ 30°/Sec; Tilt: 0.3° ~ 13°/Sec;
	Movement Range	Pan: 360° continuous rotation; Tilt: -45° ~ +45°
	Presets	256
	Accuracy	0.12° (with Encoder)
	Proportional Zoom	Support
	Tour	1
	Auto Scan	1
	Power Off Self-Locking	Support
	Power Off Memory	Support
	Fan/Heater	Support, Auto
	Drive Type	Worm Gear
	Protocol	Pelco-D
	Wiper	Support
General	Ethernet	1, RJ45 10 M/100 M Self-adaptive Ethernet interface.
	Audio	1-ch in; 1-ch out
	RS485	Support
	Alarm	Support
	Power	48V DC
	Power Consumption	Avg: 35W, Max: ≤80W
	Working Temperature	-40°C ~ +70°C (-40°F to 158°F)
	Working Humidity	≤95%RH (no condensation)
	Dimensions	380*393*575mm(L*W*H)
	Weight	≤32KG
	Protection Level	IP66, TVS 6000V, Lightning Protection, Surge Protection and Voltage Transient Protection

