

Video & Optical Systems Limited

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Power Focusing Speed Dome DNR VOSPTZ-270

Features

- 1/4" Sony Exview HAD CCD
- Optical zoom 27x zoom, Digital 12x zoom
- IP66 Outdoor application
- 255 Pre-sets
- 8 Programmable tours
- 4 Patterns
- Digital auto flip
- Polycarbonate dome cover
- 8 Alarm inputs, 2 Relay outputs
- 8 Auto Scan
- Pan motion allows 0.1-90°/sec pan speed
- Programmable privacy masking
- RS-422, RS-485 Communication support and remote programme update
- Multiple protocol
- Built-in menu system for setup of programmable functions
- Programmable zoom speeds
- AC 24V, 1A / AC 24V, 2A (Outdoor Housing)



Specifications

Model	VOSPTZ-270
Mechanical	
Pan	360° Continuous Pan
Pan Pre-set Speed	0.1 to 90°/sec. (64 steps proportional to zoom) 380°/sec, ± 0.1 Accuracy
Tilt	0.1° to 90°/sec. (64 steps proportional to zoom)
Tilt Pre-set Speed	150°/sec, ± 0.01° Accuracy
Weight	Approx. 4.4Kg (10.8lbs) / Packing : 4.9Kg
Dimensions	236 (∅) dome
Environmental	
Construction	Aluminium
Ingress Protection	IP66 (Outdoor Housing)
Colour	Cool Grey
Operating Temp	-20°C to 50°C (Fan & Heater power ON)
Storage Temp	-10°C 50°C (14° F to 122° F)
Humidity	0% to 90% (non-condensing)
Functions	
Pre-set	255 Points Less than 0.1° accuracy
Tour	8 Programmable
Pattern	4 Patterns for 240 seconds.
Flip	Digital On / Off
Scan	8 (programmable speed & diagonal scan)

Privacy Zone	8 block with title (Mask)
ID Address	Up to 255 selectable ID (Rotary Switch)
Data Communication	RS-485 / RS-422
Protocol	Multiple Protocol (PELCO-D/P)
Baud Rate	2400, 7800, 9600, 19200, 38400, 57600, bps selection
Alarm In	8
Alarm Out	2 Relay Out
Display	16 Area Title
Electrical	
Power	21 ~ 28VAC 60Hz / 50Hz (Power adaptor not included)
Camera	18.0W
Heater	33W or 62.7W, Fan Power Consumption: 3.4W
RS-422, 485	Dip Switch Setting
User Connections	
RS-485, 422	RS-422, 485 + / - Optional control data
Video Connection	BNC
Alarm Inputs	8 Programmable
Relay Out	2 Dry contact rating: 2A @30VAC
Certification	
Certification	CE, FCC CLASS A, RoHS
PAL	
Image Sensor	¼" Sony Super HAD CCD
Lens	Optical 27x, Digital 12x
Total Pixels	PAL: 795 x 596
Effective Pixels	PAL: 752 x 586
Resolution	Max 600TV Lines (Colour) / 700 TV Lines (B/W)
Focus Mode	Auto Focus / Manual Focus / One-push AF
Iris Mode	Auto with Manual Override
Video Output:	Composite 1.0Vp-p, 75Ω, BNC
Sync	Internal Sync
S/N Ratio	>52dB
Min. Illumination	0.2 Lux / F1.6 (Colour), 0.02 Lux / F1.6 (B/W)
Electronic Shutter	Auto / Manual / A.FLK (1/120,000 – x256)
Privacy Function	ON / OFF (8 Zones)
Flip	ON / OFF
DRC	ON / OFF (Dynamic Range Compression)
DIS	ON / OFF
DNR	LOW / Medium / HIGH/OFF
Day & Night	Auto / Colour / BW / EXT, IR-Cut Filter Removable
White Balance	ATW / AWC / Manual / Indoor / Outdoor(1,800K ~ 10,500K)
Back Light	BLC / HLC / OFF
Lens Initialise	Built-In
Iris	Auto / Manual
Gain Control	LOW / MEDIUM / HIGH / OFF
OSD Display	ON / OFF
Focal Length	F 3.5 ~ 95mm (F 1.6 to 2.8)
Digital Zoom	OFF / ON (Limit 12x)
Min. Focus Distance	F=3.5mm 55.5° (Horizontal X 4.25 (Vertical)
Coverage Angle	F=94.5mm 2.24° (Horizontal) X 1.62° (Vertical)