MPN: 0070-05862OPH

Orion Pro 2MP PTZ Camera with 40x Optical Zoom, PoE+, IP66, IK10 - NDAA

Orion DX 862OPH



The Orion DX 5 is a full HD IP speed dome camera featuring Sony's IMX462 Starvis™ back-illuminated pixel technology CMOS image sensor producing a colour sensitivity of 0.18Lux offering a massive improvement in light sensitivity. The dome also includes an integrated motorized 40x optical zoom with autofocus.

Orion DX 5 offers easy and reliable installation with Power over Ethernet (PoE+) which simplifies installation since only one cable is needed to carry power as well as video and PTZ controls.

- 1/2.8" Progressive CMOS
- 1920 × 1080 @ 30fps HDR (2MP)
- High Dynamic Range 120dB
- EIS Ernitec Image Stabilization
- 40x P-Iris Zoom Lens
- H.264 & H.265
- De-Fog
- PoE + (IEEE 802.3at) / 24V AC
- IP66, IK10
- 5 year Warranty

Specifications

Audio	**Audio formats supported**	G.711, G.726
	Audio input channels	1 channels
	Audio output channels	1 channels
Camera	**Camera pan control**	Yes
	Lens viewing angle, horizontal	66.50° ~ 2.00 °
	Lens viewing angle, vertical	40.00° ~ 1.20 °
	Pan range	0 - 360 °
	Tilt angle range	-15 - 90 °
	White balance	ATW, Auto, Indoor, Outdoor, Fluorescent
Design	**Form factor**	PTZ Dome
	IK code	IK10
	International Protection (IP) code	IP66
	Mounting type	Ceiling/wall
	Product colour	White
	Protection features	Dust resistant, Water resistant
	Weatherproof	Yes
Features	**NDAA Compliance**	Yes
Image sensor	**Number of sensors**	1

Image sensor	**Optical sensor size**	1/2.8 "
	Progressive scan	Yes
	Sensor type	IMX462 CMOS
Legal Information	**Country of Origin**	Taiwan
	Tariff No.	8525890000
	UNSPSC Code	46171610
Lens system	**Auto focus**	Yes
	Digital zoom	12 x
	Focal length range	4.3 - 170 mm
	Focus	Motorized/Manual
	Optical zoom	40 x
	Zoom capability	Yes
Management features	**Web browser**	Yes
	Web-based management	Yes
Network	**3G**	No
	4G	No
	Bluetooth	No
	Cabling technology	10/100/1000BaseT(X)
	Ethernet interface type	Gigabit Ethernet
	Ethernet LAN	Yes
	Networking standards	IEEE 802.3at
	Number of users	20 user(s)
	Quality of Service (QoS) support	Yes
	Streaming method	Multicast
	Supported network protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS
	Wi-Fi	No
	Works with Apple HomeKit	No
	Works with the Google Assistant	No
Operational conditions	**Operating relative humidity (H-H)**	10 - 90 %
	Operating temperature (T-T)	-40 - 50 °C
Other features	**Dimensions (WxDxH)**	210x210x279 mm
	Noise detection	Yes
	Number of simultaneous users	20 user(s)
Package dimensions	**Depth (package,cm)**	30 cm
	Gross Weight (Package, kg)	5.4 kg
	Height (package,cm)	40 cm
	Width (package,cm)	30 cm
Packaging content	**Number of cameras**	1
	Quick installation guide	Yes

Packaging content	**Quick start guide**	Yes
Performance	**Alarm input/output**	Yes
	Auto patrol mode	Yes
	Built-in fan	Yes
	Built-in heater	Yes
	Connectivity technology	Wired
	Day/night mode	Yes
	Placement supported	Indoor & outdoor
	PTZ control	Yes
	PTZ modes	4 Pattern
	Type	IP security camera
	Wide Dynamic Range (WDR)	Yes
Ports & interfaces	**Ethernet LAN (RJ-45) ports**	1
	Interface	RJ-45
Power	**AC input voltage**	24 V
	Power consumption (max)	29.04 W
	Power consumption (Power over Ethernet (PoE))	25.5 W
	Power over Ethernet (PoE)	Yes
	Power source type	PoE+, AC
Product dimensions	**Net Weight (Product, kg)**	5.3 kg
	Product Depth	20 cm
	Product Height	35 cm
	Product Width	20 cm
Security	**Alarm input channels**	4
	Alarm output channels	2
	HTTPS encryption	Yes
	IP address filtering	Yes
	Video motion detection	Yes
Storage	**Built-in HDD**	No
	Built-in SSD	No
	Card reader integrated	Yes
	Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC
	Maximum memory card size	128 GB
Technical details	**Sensor**	IMX462
Vendor information	**Brand Name**	Ernitec
	Homepage	http://www.ernitec.com
	Warranty	3 Year(s)
Video	**3D NR (Noise Reduction)**	Yes
	Analog signal format system	NTSC, PAL

Video	**Frame rate**	30 fps
	Full HD	Yes
	Image stabilizer	Yes
	Maximum resolution	1945 x 1097 pixels
	Noise reduction	Yes
	Noise reduction technology	3D noise reduction
	Privacy masking	Yes
	Total megapixels	2 MP
	Video compression formats	H.264, H.265, M-JPEG
	Video intelligence analytic	Yes
	Video streaming	Yes