Zenon

ZENON-1s-PO2-IXO-x20

IP	**1080P**	**100m**	**I/O**
IP Technology	2MP/1080P	100m IR	Alarm & Audio In/Out

The ZENON-1s-PO2-IXO-x20 is an IP full function 2 MegaPixel, 20x Optical PTZ with a 10m IR Range.

It has a Sony Exmor 1/2.8" image sensor as well as incorporating an Ambarella Chipset to deliver a low bandwidth 2 MegaPixel in resolution. This PTZ has a -15 degree tilting ability and has a maximum pan speed of 300 degrees per second making it extremely effective for a number of different applications.

This PTZ is Onvif compliant and can be powered by the 24vAC PSU which is provided, or it can be powered by the PoE+ (12vDC).

PERFORMANCE

Image Sensor	CMOS (1/2.8")
Chipset	Ambarella
Effective Pixels	1944(H) x 1092(V)
Compression	H.264/MJPEG
Resolution	1080P (1-25fps)
	720P (1-50fps)
Streams	2
Bit Rate	32-8192Kbps (H.264)
Backlight Compensation	BLC / HLC
Wide Dynamic Range	DWDR (Digital WDR)
White Balance	Auto / Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16x

LENS

Focal Length	5.5mm-110.0mm (20x Optical)
Max Aperture	F1.6 ~ F3.5
Focus Control	Auto / Manual
Angle of View	H: 51° ~ 2.6°

DAY / NIGHT

Min. Illumination	Colour	0.05Lux @ F1.6
	B&W	0.005Lux @ F1.6
Day/Night	Auto (ICR) / Colour / B&W	
IR Distance	100m (24vAC) / 80m (12vDC)	

CONNECTIVITY

Ethernet	1 RJ-45 (10/100Base-T)
Analogue BNC Output	0
Alarm Input	2
Alarm Output	1
Audio Input	1
Audio Output	1
RS-485	1
Memory Slot	Micro SD (Max 64GB)

SOFTWARE

Network Functions	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Smart Phone/Tablet	ICRSS Pro / ICView
PC / Mac Software	Smart ICRSS / Web Browser
Onvif	Onvif / PSIA
Auto Tracking	n/a
Intelligent Functions	n/a
Trigger Mode	n/a
Trigger Event	n/a

ACCESSORIES (OPTIONAL)

Pole Mount	MNT-PM3
Corner Mount	MNT-CRM3
Ceiling Mount	MNT-CM3

PTZ FEATURES

Pan/Tilt Range	Pan 0° ~ 360° Endless
	Tilt -15° ~ 90° / Auto Flip 180°
Speed Setup	Speed Adaptation according to position and human force
Preset	300
Preset Speed	Pan 400°/sec, Tilt 300°/sec
Functions	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset / Pan/ Scan/ Tour/ Pattern if there is no command in the specified period
Time Task	Auto activation of Preset / Pan/ Scan/ Tour/ Pattern by preset-time

ENVIRONMENTAL

Power Consumption	24vAC or 12vDC (PoE+ 802.3at) 24vAC = 13W or 23W (IR On) 12vDC = 13W or 20W (IR On)
Working Environment	24vAC = -40ºC ~ 70ºC 12vDC = -30ºC ~ 60ºC Less than 90% RH
Protection	IP66
Dimensions	Ø186 (mm) x 309 (mm)
Weight	3.5kg

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