

# QUANTUM-1s-PO2-IXO-x30



The QUANTUM-1s-PO2-IXO-x30 is a H.264 IP full function 2 MegaPixel, 30x Optical PTZ with a 150m IR Range.

Its advanced chipset supports intelligent functions such as Auto Tracking, Tripwire Detection, Perimeter Protection, Illegal Parking Detection and many others.

Using the latest sensor technology this PTZ supports 120dB WDR which is excellent in difficult lighting conditions as well as the capability to produce useable colour images in low lux environments.

This PTZ is Onvif compliant and can be powered by the 24vAC PSU which is provided or Hi-PoE.



## PERFORMANCE

Image Sensor Chipset	Sony IMX (1/1.9") Texas Instruments
Effective Pixels	1944(H) x 1092(V)
Compression	H.264/MJPEG
Resolution	1080P (1-25fps) 720P (1-50fps)
Streams	3
Bit Rate	56-8192Kbps (H.264) 56-20480Kbps (MJPEG)
Backlight Compensation	BLC / HLC
Wide Dynamic Range	WDR (120dB)
White Balance	Auto / Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16x
EIS	Supported
Defog	Supported

## LENS

Focal Length	6mm-180mm (30x Optical)
Max Aperture	F1.6 - F4.8
Focus Control	Auto / Manual
Angle of View (H)	H: 61.2° - 2.32°

## DAY / NIGHT

Min. Illumination	Colour 0.005Lux @ F1.6 B&W 0.0005Lux @ F1.6
Day/Night	Auto (ICR) / Colour / B&W
IR Distance	150m

## CONNECTIVITY

Ethernet	1 RJ-45 (10/100Base-T)
Analogue BNC Output	1
Alarm Input	7
Alarm Output	2
Audio Input	1
Audio Output	1
RS-485	0
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 PC / Mac Software	ICRSS Pro / ICView
Onvif	Smart ICRSS / Web Browser Onvif / PSIA
Auto Tracking	Single Scene, Multiple Scene, Panorama Scene
Intelligent Functions	Tripwire, Intrusion, Cross Warning Zone, Abandoned, Object Detection, Missing Object Detection, Illegal Parking
Trigger Mode	Manual / Auto (Alarm Triggered)
Trigger Event	Targeting, Zoom, Tracking, Recording, Snapshot, Alarm etc.

## PTZ FEATURES

Pan/Tilt Range	Pan 0° - 360° Endless Tilt -10° - 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	24vAC / Hi-PoE
Consumption	24vAC = 20W or 43W (IR On)
Working Environment	-40°C - 70°C Less than 90% RH
Protection	IP67
Wiper	Yes
Dimensions	Ø240 (mm) x 357 (mm)
Weight	6.75kg

## ACCESSORIES (OPTIONAL)

Ceiling Mount	MNT-CM3
Pole Mount	MNT-PM3
Corner Mount	MNT-CRM3
Junction Base	BASE-120
PSU Box	BASE-PWR140-W
Prapet	MNT-303S



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