



PREDATOR ULTRA HYBRID

Analogue 4:3
(HD Quality)



From this



Full HD 1080p



To this



**Predator Hybrid
Analogue & HD
in ONE
PTZ Camera**



Hybrid
True Dual Hybrid mode (Video and Control) allows addition to legacy analogue systems without infrastructure upgrades. When infrastructure changes customers benefit from stunning HD and IP control with no hardware changes

No additional equipment required.


PRODUCT SPECIFICATION	30x HD ULTRA	40x HD ULTRA
Colour / Mono	Yes	Yes
Imager (CMOS)	1/1.9" Sony Exmor	1/1.9" Sony Exmor
Zoom - Optical + Digital	30X, 12X	40X, 12X
Zoom - Total	360X	480X
Pixels (Effective)	Approx 2.38 Megapixels	Approx 2.38 Megapixels
Horizontal view angle	61.2° (W) -2.32° (T)	60° (W) -1.8° (T)
Lens Size	6-180mm	6-240mm
Min Sensitivity - colour	0.002 Lux	0.002 Lux
Min Sensitivity - mono Int	0.0002 Lux	0.0002 Lux
Signal Noise Ratio	>50dB	>50dB
Picture Flip	Yes	Yes
Picture Freeze	Yes	Yes

PRODUCT FEATURES ALL PREDATOR units have the following functions

Focus/Iris	Auto/Manual
Presets	360
Tours	4 (max 90 presets per tour)
Learned Patrols	4 mimic tours - upto 30 minutes duration each
Privacy Zones	Upto 24
Variable pan speed/coverage	0.1 - 120°/sec, 360° continuous rotation, absolute positioning
variable tilt speed / coverage	0.1 - 120°/sec, 180°, absolute positioning
Auto Homing	Goes to preset, tour or mimic tour after prescribed time
Col/Mono Changeover	4 levels -3 fixed, 1 custom/user defined
Operating temperature	-50°C to +60°C with optional heater
Power	24VAC or 30VDC (AC: 22 - 28 / DC: 24 - 36) Option for 12VDC
Power Consumption	160 watts maximum load (full operation with optional heater and long range lamps). Normal idle condition: 25 watts
Low Power Mode	18 watts
Mounting	101.6mm (4") PCD. Options for Wall, Corner, Side Pole and Soffit
Certification	CE & FCC approval: Ingress IP68: Impact IK10: Vibration & Shock certified approvals

SIRIUS ILLUMINATION OPTIONS	IR & WHITE LIGHT (Normal)	STANDARD PAINT OPTIONS	RAL
SIR110	IR 110 metres	Black	9005
SIR160	IR 160 metres	White	9003
SIR140WL	IR 140 metres, WL 140 metres	Cool Grey	7035
250SWL	WL 250 metres	Mid grey	7001
SIR250WL	IR 250 metres, WL 250 metres	WEIGHTS	
SIR275	IR 275 metres	No LED's	9.5kg
SIR400	IR 400 metres	Single LED array	10Kg
SIR550S Spot	IR 550 metres	Dual LED array	10.5kg

ANALOGUE MODE All Ultra Hybrids are fitted with the Hinged Mounting Adapter

Analogue Video	PAL 1V p-p 75Ω			 <p>Hinged Mounting Adapter (HMA) is designed to assist in the installation of the Predator allowing access to the cable connections 'hands free'.</p> <p>Installers can now install the Predator using standard cables, so no need for pre-made cables. Enabling the Predator to be positioned up to 100 metres from the power supply (dependent on Predator/cable specification).</p>
Telemetry	RS485			
Protocols	360, Forward Vision, Pelco P/D			
DIGITAL MODE - CODEC	25fps	ASPECT	30fps	
HD1080P	1920X1080	16:9	1920X1080	
HD720P	1280X720	16:9	1280X720	
D1	720X576	4:3 (16:9 option)	720X480	
VGA	640X480	4:3	640X480	
FWQVGA	432X240	16:9	432X240	
Distribution	Multi Codec, 2 stream profiles			
Image Compression	H.264, MPEG4, MJPEG			
Protocols	ONVIF(S),TCP/IP,HTTP,HTTPS,RTP,RTSP,360SDK,QoS,802.1X,NTP,FTP			
Compression Rate Control	CBR, VBR, CVBR			

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