



360VISION TECHNOLOGY

PREDATOR ULTRA DualView

Product Brochure

Featuring 1/1.9" Sony ULTRA
Technology for incredible colour
or mono images at night



**DESIGNED AND
MANUFACTURED
IN THE UK**





Product Brochure

PREDATOR ULTRA DualView



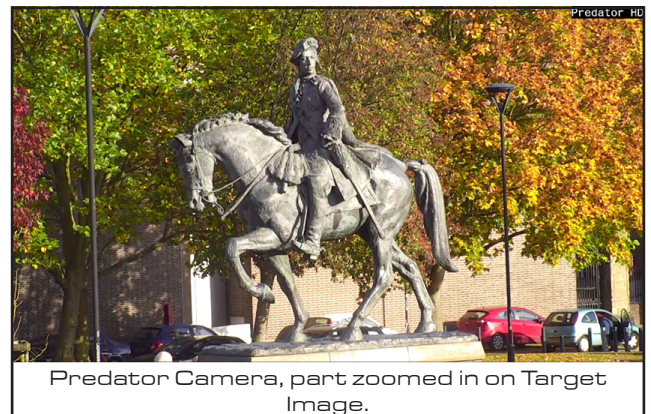
Dual Head High Speed High Definition Ruggedised Pan, Tilt and Zoom Camera System

Borne out of customer need, the Dual Headed Predator ULTRA 'DualView' provides a constant Full HD Wide Angle Dual View Image in addition to the 40x Full ULTRA Zoom Image. Ideal for Public Space surveillance applications where a wider view (up to 90° angle) of the incident/target area is desirable whilst the 40x Zoom camera is targeted on specific close up evidence gathering.

This enables CCTV operators to focus on gathering critical evidence to identify individuals and actions while simultaneously capturing the wider view of critically related activities to the incident in progress. Knowing that the DualView camera is gathering this video footage allows the operator to maintain close-up detailed surveillance thus not breaking from the task to zoom out for the wider view. The constant wide scene image thus increases the effectiveness of the CCTV operation capturing related activities such as assailant exit routes, associated Incident opportunity, Emergency Services arrival etc.



Example Predator-DualView Camera image.



Predator Camera, part zoomed in on Target Image.

90° Field of View Full HD
DualView Camera (3x)

Supporting Intelligent
IR and White Lighting

40x Zoom Full HD Main
Target Camera



Predator Camera, 40x zoomed in on Target Image.

Fully rugged construction including 360 Vision's Hinged Mounting Base featuring direct connections and Industry standard PCD mounting.



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PREDATOR ULTRA DualView



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ONVIF

Full HD
1080



1/1.9" SENSOR FOR
ULTRA LOW LIGHT
PERFORMANCE

High Speed High Definition Ruggedised Pan, Tilt and Zoom Camera

UK Manufacture

Designed and Manufactured in the UK.

Paint Colour Options

Any colour, any quantity.

Attack Detect Feature

Predators will automatically return to their original position if physically moved/attacked.

Protocols

ONVIF 'S' compliant or 360SDK, see our web site for the many compatible VMS systems.

Intelligent Lighting control

Illumination automatically adjusts the lighting intensity to ensure the highest quality images under variable lighting conditions.

Illumination

Full range of Dual IR & White Light options. Up to 275 metres of IR lighting and up to 250 metres of white light giving 'COLOUR VIDEO at NIGHT'. Sirius illumination combines narrow, medium and wide angle lenses to give a wide range of light spread (from 9° to 45°). Choice of standard IR 850nm or covert 940nm available.

IP67 Certification

IP67 certified for the harshest environments.

360 Ultra Low Light cameras

360 Ultra low light cameras with mono video images as low as 0.0002 lux (no illumination)

Built in EDGE recording option - 128 or 256Gb Storage on board

Continuous/FTP Upload/Network Loss/Alarm Scheduled recording option to On Board Storage. ULTRA Stream only.

Privacy Zones

24 privacy zones are available with simple joystick positioning and sizing.

Maritime Paint

10 year maritime paint option.

Warranty

3 year warranty

PRODUCT SPECIFICATION	40x ULTRA ULTRA LOW LIGHT	3x DUAL VIEW		
Colour/Mono	Yes	Yes		
Imager (CMOS)	1/1.9" Sony Exmor	1/2.8-type Exmor CMOS		
Zoom - Optical + Digital	40x, 12x	3x, 12x		
Zoom - Total	480x	36x		
Pixels	Approx 2.38 Megapixels	Approx 3.27 Megapixels		
Horizontal view angle	60°[W] - 1.8°[T]	90°[W] - 32°[T]		
Lens Size	6 - 240mm	3 - 9mm		
Min Sensitivity - colour	0.002 Lux	1 Lux		
Min Sensitivity - mono Int	0.0002 Lux	0.1 Lux		
Signal Noise Ratio	>50dB	>50dB		
Picture Flip	Yes	Yes		
Picture Freeze	Yes	No		
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 - up to 30 minutes duration each			
Privacy Zones	Up to 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/30Vdc			
Mounting options	Wall, Corner, Pole and Soffit			
Certification	IP67			
CODEC	25fps	ASPECT	30fps	
HD1080p	1920x1080	16:9	1920x1080	
HD720p	1280x720	16:9	1280x720	
D1	720x576	4:3	720x480	
VGA	640x480	4:3	640x480	
QVGA	432x240	16:9	432x240	
Distribution	Multi Codec 2 streams			
Image Compression	H.264, MPEG4, MJPEG			
Protocols	ONVIF (S), TCP/IP, HTTP, HTTPS, RTP, RTSP, 360SDK, QoS			
Compression levels	CBR, VBR CVBR			
SIRIUS ILLUMINATION	IR & WHITE LIGHT (Nominal)		Standard Paint Options	RAL
SIR160	IR 160 metres		Black	9005
SIR140WL	IR 140 metres, WL 140 metres		White	9003
250SWL	WL 250 metres		Cool Grey	7035
SIR250WL	IR 250 metres, WL 250 metres		Mid Grey	7001
SIR275	IR 275 metres			
WEIGHTS				
Predator ULTRA Dual View	10.5kg			

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The manufacturer reserves the right to change specifications without notice.



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