



Product Brochure

PREDATOR HD



STARVIS

Outstanding Visibility under the Starlight



Dual lamp unit shown (covers SIR250SW, 250SWL and SIR275 products), other colours available.



Product Brochure

PREDATOR HD



FULL 1080P HIGH DEFINITION VIDEO

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 'Patent Pending' Dual IR & White Light options. Up to 550 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.

IP68 Certification
IP68 certified for the harshest environments.

Extreme Low Light cameras
Extreme low light cameras with mono video images as low as 0.0008 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.

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

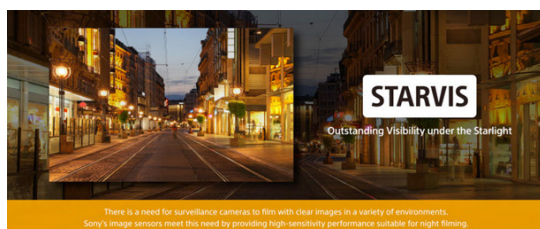
POE
HD Predator available as a POE version, with Sirius illumination up to SIR140WL.

Maritime Paint
10 year maritime paint option.

Warranty
3 year warranty



Dual lamp unit shown (covers SIR250SW and SIR275 products), other colours available.



There is a need for surveillance cameras to film with clear images in a variety of environments. Sony's image sensors meet this need by providing high-sensitivity performance suitable for night filming.

Predator Hybrid: Patent Pending Technology from 360 Vision

Option giving Ultra High Resolution ANALOGUE and 1080p HD output/control, for system migration to full HD.

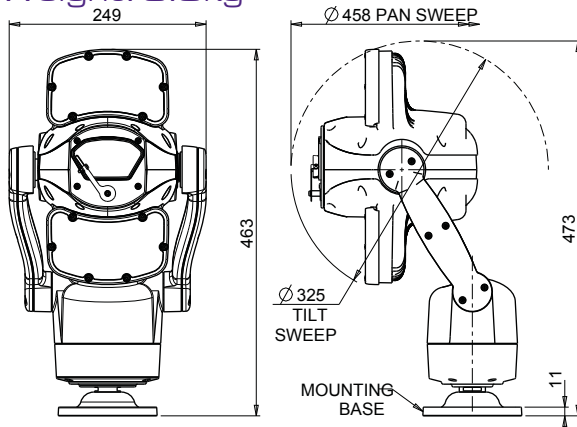


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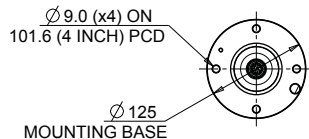
PREDATOR HD

DESIGNED AND
MANUFACTURED
IN THE UK

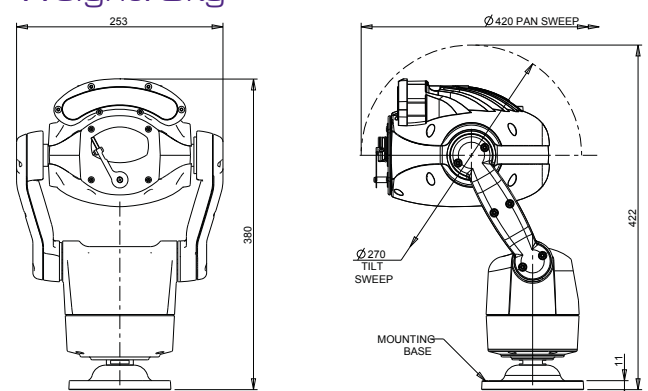
Predator
High Intensity Long Range LED array
Weight: 8.5kg



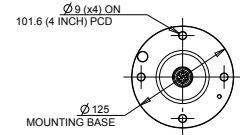
Covers SIR400 and
SIR550S Spot product.



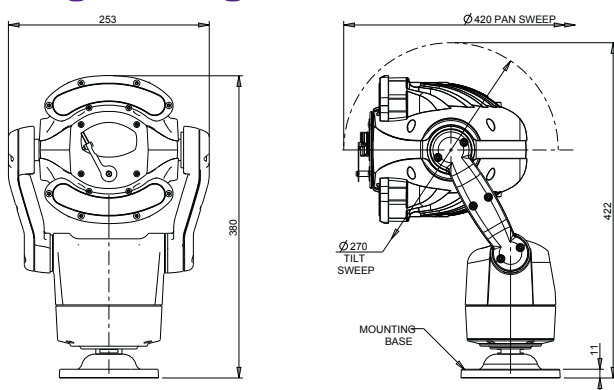
Predator
High Intensity Single LED array
Weight: 8kg



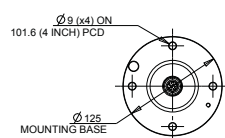
Covers SIR110, SIR160 and SIR140WL
products.



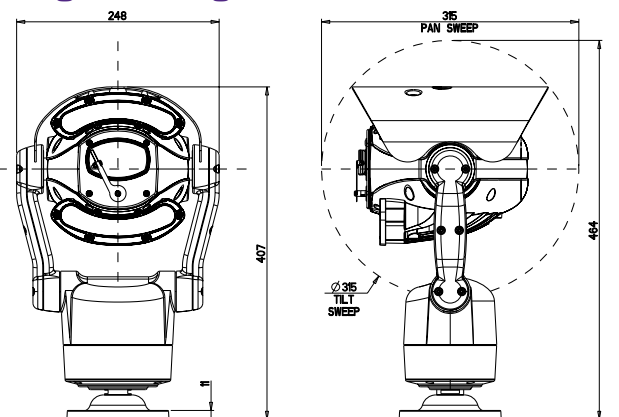
Predator
High Intensity Dual LED array
Weight: 8.5kg



Covers SIR250SW, 250SWL and SIR275
products.

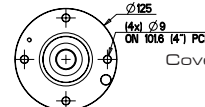


Predator
High Intensity Dual LED array
Weight: 8.9kg



Straight Arm version
c/w Sunshield

Covers SIR250SW, 250SWL and SIR275
products.

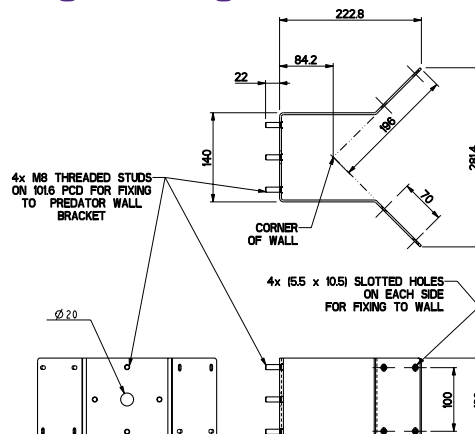


Weight: 9.5kg

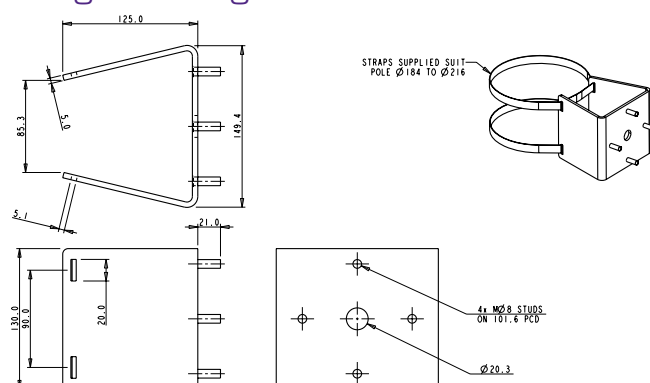


Corner Bracket

Weight: 2.2kg



Weight: 1 kg



| PRODUCT SPECIFICATION | 30x HD | 30x STARVIS | STARVIS |
|------------------------------|---|------------------------|-----------|
| Colour/Mono | Yes | Yes | |
| Imager (CMOS) | 1/2.8-type Exmor | 1/2.8-type Exmor R | |
| Zoom - Optical + Digital | 30x, 12x | 30x, 12x | |
| Zoom - Total | 360x | 360x | |
| Pixels | Approx 2.38 Megapixels | Approx 2.13 Megapixels | |
| Horizontal view angle | 2.3°[T] - 63.7°[W] | 2.3°[T] - 63.7°[W] | |
| Lens Size | 4.3 - 129mm | 4.3 - 129mm | |
| Min Sensitivity - colour | 0.1 Lux | 0.0013 Lux | |
| Min Sensitivity - mono Int | 0.013 Lux | 0.0008 Lux | |
| Signal Noise Ratio | >50dB | >50dB | |
| Picture Freeze | Yes | Yes | |
| Picture Flip | 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 - 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 160VA | | |
| Power POE | 82 watts maximum | | |
| Mounting options | Wall, Corner, Pole and Soffit | | |
| Certification | CE & FCC approval; Ingress IP68; Impact IK10; Vibration & Shock certified approvals | | |
| SIRIUS ILLUMINATION | IR & WHITE LIGHT (Nominal) | Standard Paint Options | RAL |
| SIR110 | IR 110 metres | Black | 9001 |
| 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 | | |
| SIR275 | IR 275 metres | | |
| SIR400 | IR 400 metres | | |
| SIR550S Spot | IR 550 metres | | |
| WEIGHTS | | | |
| Predator (No LED's) | 7.5kg | | |
| Predator (Single LED array) | 8kg | | |
| Predator (Dual LED array) | 8.5kg | | |
| Predator (HMA, No LED's) | 9.5kg | | |
| Predator (Dual Long Range) | 8.5kg | | |
| 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, RTP, RTSP, 360SDK | | |
| Compression levels | CBR, VBR CVBR | | |

HMA: Hinged Mounting Adapter



Hinged Mounting Adapter (HMA) is designed to assist in the installation of the Predator allowing access to the cable connections 'hands free'.

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).

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360VISION
TECHNOLOGY