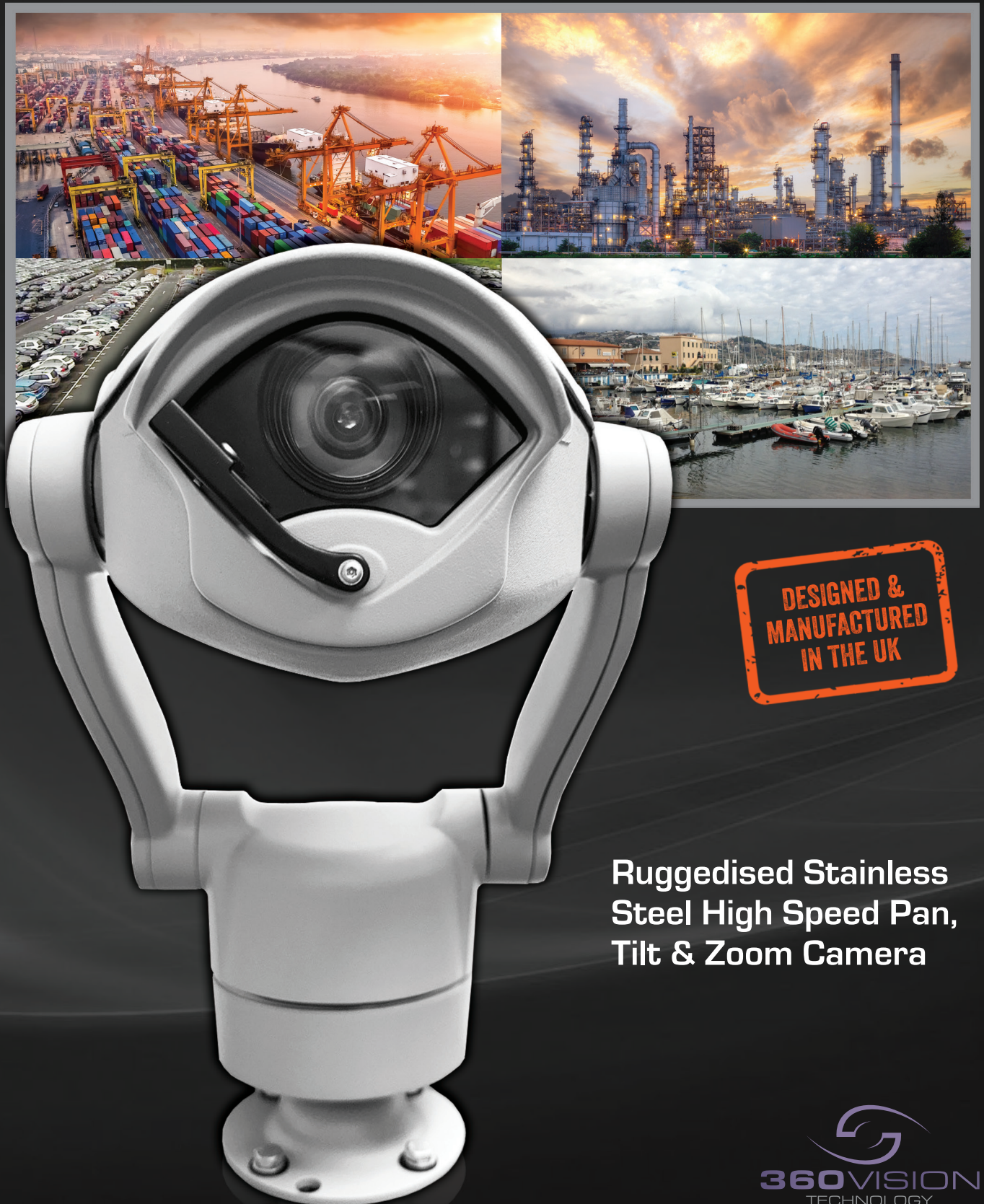


PREDATOR

Stainless Steel HD PTZ Camera



**DESIGNED &
MANUFACTURED
IN THE UK**

**Ruggedised Stainless
Steel High Speed Pan,
Tilt & Zoom Camera**

Stainless Steel HD PTZ Camera

The ideal choice for effective 24-hour surveillance and intrusion detection, Predator cameras include analogue and 1/1.28" Sony HD equipped models that deliver incredible colour or mono images during the hours of darkness.

The Stainless Steel HD PTZ Camera includes all the popular features of the standard Predator but in a compact and robust housing, fabricated from anti-corrosion 316L stainless steel with matt finish as standard.

Designed to withstand the toughest of operational environments, Stainless Steel HD PTZ Camera is also competitively priced, with the high-performance package targeted to offer the advantages of extreme temperature (-50°C to +65°C with optional heater) camera performance, but at a fraction of the cost of other stainless steel PTZ cameras.

■ Stainless Steel Predator Thermal 'Hybrid' camera option available



Support & Compatibility

Our commitment to the ONVIF organisation also extends to constant and proactive direct communication with leading VMS manufacturers to ensure full feature and operational compatibility.

Our standard warranty is 3 years. In addition, our new and innovative support package provides an extremely low cost 5 year warranty extension – offering additional layers of benefit for customers' framework and maintenance agreements.

We believe in our manufacturing quality, and we do not subscribe to the low cost/replace ideology so prevalent in our industry – let us show you how our fixed fee service will actually save you money!

Low Power

'Low Power Mode' for inactive periods of operation, 'Intelligent Illumination' and 'Night Setting Presets' to control the illumination activity and low consumption components that all add up to greatly reduced power device for applications such as solar, fuel, battery and other low voltage sensitive applications.

On Board Recording

Recording options of up to 256Gb give network backup, time lapse, FTP and alarm recording. Network sensing automatically senses when connection is lost to ensure that full HD, real time images can be recorded inside the camera, ensuring no information is lost.

Latest Camera Modules

All stainless steel Predator cameras are equipped with Sony's industry-leading Exmor R 1/2.8" sensor, delivering exceptional low-light performance and colour integrity.

Larger sensor = brighter, crisper and more defined colour images at night.

Ruggedised

316L stainless steel is a low-carbon austenitic steel with high corrosion resistance, especially to chloride and sulfurous acids. It is commonly used in marine and industrial applications, such as petrochemical, food processing, and wastewater treatment.

Our ruggedised cameras are designed to withstand harsh environments, such as extreme temperatures, dust, moisture, and vibrations.

In addition, IK10 is the highest impact protection rating for electrical enclosures, meaning they can resist 20 joules of external mechanical shock or impact.

Paint Options

Built in 316L stainless steel with a matt surface and supplied with black, white or grey standard paint finish.

Optional long life 'Extreme' paint finish for marine/coastal applications available too, ensuring that the operational and aesthetic features of the Predator are protected.

Attack Detect Feature

Attack Detect & Base Scan on Impact features ensure that if a physical attack is detected, the camera will automatically recalibrate to its original position – ensuring alarms and positional presets are not compromised.

The camera will also look down and do an immediate 360° scan of the pole base to provide critical full video footage of the situation below.

Direct Drive Mechanism & 360° View

Continuous rotation pan, unobstructed 360° view, 180° tilt.

Unlike many competitor products that utilise belt-based drive systems, Predator incorporates ultra reliable and extremely quiet high torque direct drive mechanisms.

This results in long life, high and consistent preset accuracy and long-term reliability.

Dedicated Setup Apps

3 apps for Discovery, Configuration and Update. With an innovative thumbnail index, select and program from one central Network point. No need for browser add-ins, security permissions or Internet necessary updates.

IR + LED White Light

Stainless steel Predator offers integrated long-range IR to 250m or IR & white light to 200m.

Standard 850nm IR and covert "no glow" 940nm are available.

IR is ideal to produce clear evidential video quality images, whatever the lighting conditions.

White light offers powerful illumination for overt applications, such as intruder tracking and anti-social behaviour deterrence.

3 Year Warranty

Our standard 3-year warranty can be extended to 5 years with our optional low-cost support package - a valuable addition for customer frameworks and maintenance contracts.



PRODUCT SPECIFICATION		HD 40K LOW LIGHT
Colour/Mono		Yes
Imager (CMOS)		1/2.8" Sony Exmor R
Zoom - Optical + Digital		40x, 12x
Zoom - Total		480x
Pixels (Effective)		Approx 2.38 Megapixels
Horizontal view angle		66.45°(W) - 1.88°(T)
Lens Size		4.25 - 170mm
Min Sensitivity - colour		0.002 Lux
Min Sensitivity - mono Int		0.0002 Lux
Signal Noise Ratio		>50dB
Picture Flip		Yes
Picture Freeze		Yes
PRODUCT FEATURES		All stainless steel Predator cameras have the following functions
Material		316L stainless steel, matt surface
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 +65°C with optional heater
Power		28-36VDC (12VDC and POE Options)
Mounting options		Wall, Corner, Pole and Soffit
Certification		UKCA, CE & FCC approval: Ingress IP68: Impact IK10 : vibration & shock certified approvals. Independent power certification and Elexon Charge Codes available
SIRIUS ILLUMINATION		IR & WHITE LIGHT (Nominal) - 850nm STANDARD IR or 940nm COVERT (NO-GLOW) AVAILABLE
850nm	940nm	
SIR140WL	SIR140WL-940	
SIR200	SIR200-940	200m 850nm IR + white light / 100m 940nm IR + white light
		250m 850nm IR / 150m 940nm
WEIGHTS		
Predator Steel (No lamps)		14kg

CODEC	25/50fps	ASPECT	30/60fps
1080P	1920x1080	16:9	1920x1080
720P	1280x720	16:9	1280x720
576P	1024x576	16:9	1024x576
SXGA *	1280x1024	5:4	1280x1024
XGA *	1024x768	4:3	1024x768
D1	720x576	5:4	720x480
VGA	640x480	4:3	640x480
QVGA	320x240	4:3	320x240
Distribution *	Multi Streaming Codec, 2 independently configurable profiles		
Image Compression	H.264, MJPEG, H.265		
Protocols	TCP/IP, IPv4, ONVIF (S), 802.1x, MD5, TLS, PEAP, HTTP, HTTPS, RTP, RTSP, RTSP over HTTPS, 360SDK, GoS, IGMP v3, SNMP v3, NTP, FTP, Digest Authentication		
Compression levels	CBR, VBR		

Support & Compatibility

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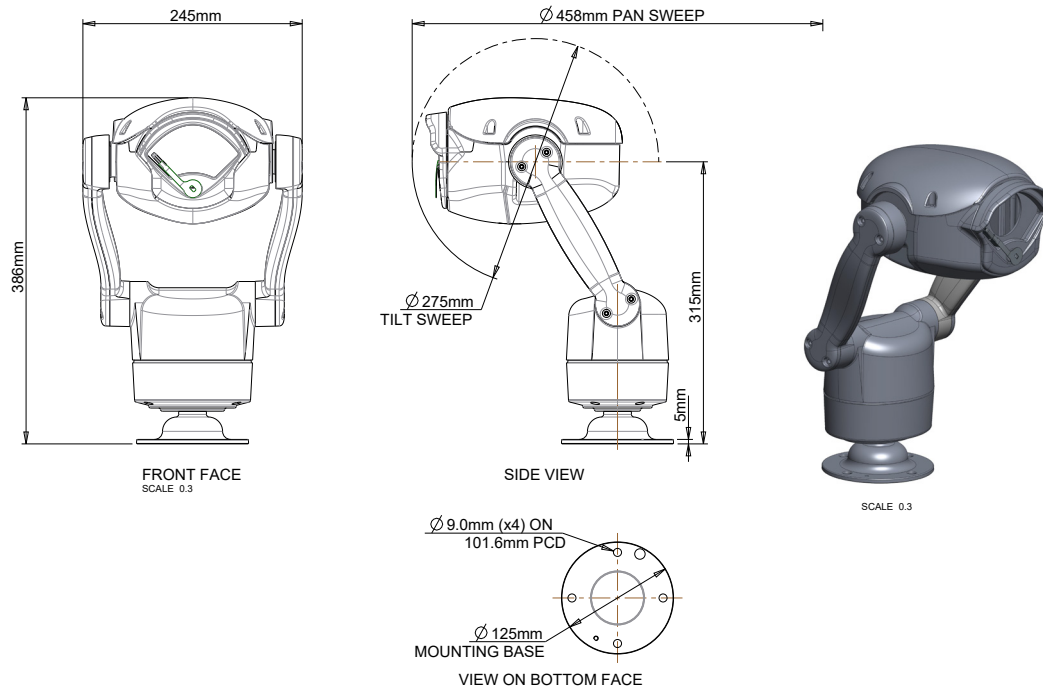
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Predator with no lamps

Weight: 13kg



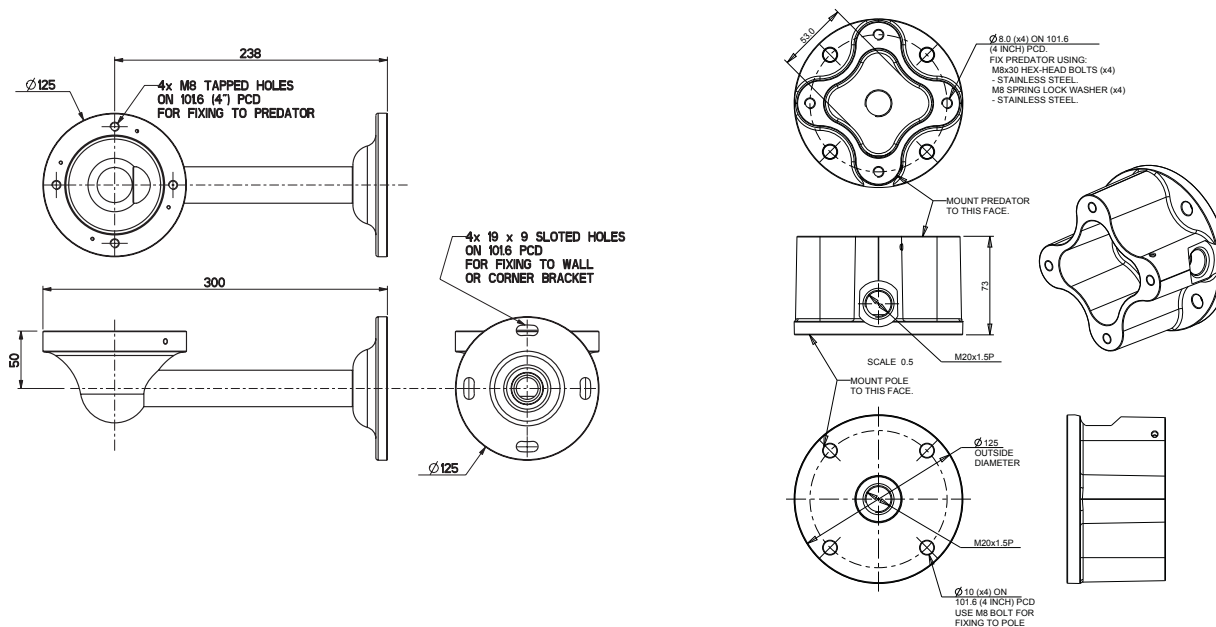
Predator Bracketry

Wall Bracket

Weight: 3kg

Pole Mount Adapter (PMA)

Weight: 3.6kg



All trademarks are used courtesy of registered owners.
STAINLESS STEEL HD PTZ CAMERA is a registered trademark of 360 Vision Technology Ltd.
The manufacturer reserves the right to change specifications without notice.

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