360 vision
Opening the World of Vision

World class manufacturing in the UK

Predator

...Rugged with *STYLE*

Predator – Grey

Predator – Grey with IR

Predator – Demo Kit

External fully functional CCTV PREDATOR cameras

Multi Protocol integration ▶ The PREDATOR range comes with multi-protocols as standard allowing complete integration with many leading DVR's, Matrices and IP systems. Protocols built in include 'Twisted Pair' control from 360 Vision, Forward Vision, Pelco P/D, Honeywell, with 'In-Coax' control from 360 Vision, BBV FSK, and Pelco Coaxitron.

OSD ▶ PREDATOR's OSD enables full access to all functions using either 3rd party protocols or 360 Vision control systems.

Build Quality ▶ Excellence in Design and Manufacture ensure all 360 Vision products offer exceptional quality combined with ultra reliability.

Motor Motion design ▶ The PREDATOR, like 360 Vision's extensive VisionDome range, is driven by 360 Vision's highly advanced motor control system, enabling extremely quiet, controllable and smooth with totally accurate operation and exact preset position selection.

Economics ▶ The PREDATOR uses only the highest quality components, combined with Innovative design to support full remote diagnostics and reduce installation, operation and maintenance costs.

Intelligent alarms ▶ The intelligent alarm module allows up to 144 alarm inputs which can be remotely configured via the Vision Matrix or any compatible 3rd party system.

Creative Privacy Zones ▶ 32 privacy zones are available with simple joystick positioning and sizing.

Low light capability ▶ Frame integration camera options give usable video images as as low as 0.01 lux.

Colour/Mono cameras ▶ The PREDATOR range includes 18x, 28x, and 36x zoom with Autofocus featuring ExView camera technology which gives excellent low light performance. 360 Vision software enables the colour/mono switch over levels to be specific lighting conditions.

Picture Freeze ▶ The on-screen visible image can be frozen whilst the PREDATOR moves to preset positions allowing efficient DVR recording.

Fast Shutter option ▶ For optimum performance with automatic number plate recognition systems.

Wide range of options ▶ PREDATOR standard colours are Black, Cool Grey or White with Custom colours by request. The PREDATOR range includes: Pre-made cables of 3, 10, 25 and 40m, Wiper systems, Twin IR lamp, Wall, Corner and Post Mount brackets, Mounting adapter, PSU and Washer system.

PREDATOR SPEC	18x Col/Mono	28x Col/Mono	36x Col/Mono
Colour/Mono	YES		
Imager	¼" ExView HAD	¼" Super HAD	¼" ExView HAD
Zoom – Optical + Digital	18x, 12x	28x, 12x	36x, 12x
Zoom - total	216x	336x	432x
Line resolution	550		540
Pixels	752(H) x 582(V)		
Horizontal view angle	2.8°(T) ~ 48°(W)	2.1°(T) ~ 55.8°(W)	2.7°(T) ~ 57.8°(W)
Lens size	4.1 ~ 73.8mm	3.5 ~ 98mm	3.4 ~ 122.4mm
ExView Technology	YES	NO	YES
Min sensitivity – colour	0.7 Lux	0.25 Lux	1.4 Lux
Min sensitivity – colour int	0.04 Lux	0.016 Lux	0.1 Lux
Min sensitivity – mono int	0.01 Lux	0.0015 Lux	0.01 Lux
Signal noise ratio	>50dB		
Picture freeze	YES		
Picture Flip	YES		

PREDATOR FEATURES	All PREDATOR units have the following functions
Video ouput	1V p to p, 75Ω
Scanning	PAL or NTSC
Focus/Iris	Auto/Manual
Presets	360
Tours	16 (max 90 presets per tour)
Learned Patrols	4 mimic tours – up to 30 minutes duration each
Remote reset	Via OSD, IP network or dial up
Dynamic privacy zones	Up to 32, 6 present on screen simultaneously, 4 levels of opacity
Preset titling	YES (via Vision Matrix)
Telemetry	Coaxial or RS485
Protocols - includes	360, Pelco P/D/Coaxitron, BBV Coax, Ultrak RS485, Forward Vision, VCL RS485/Coax
Variable pan speed/coverage	0.1 ~ 120°/sec, 360° continuous rotation, absolute positioning
Variable tilt speed	0.1 ~ 120°/sec, absolute positioning
Tilt coverage	180°
Auto homing	Goes to preset, tour or mimic tour after prescribed time
Col/Mono changeover	4 levels ~ 3 fixed, 1 custom/user defined
Line Lock	Enable/disable
Operating tempertaure	-40 ~ 60°C with optional Dual Heater
Power	24Vac 60VA
Recommended PSU	PRED-PSU
Mounting options	Wall, Corner, Pole, Soffit
Operational enhancements	Telemetry and power with opto isolation
Certification	Safety Mark : CE approval; Ingress : IP67

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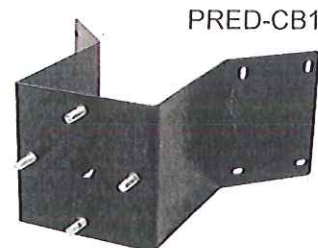360 Vision Predator units are covered by a 3 year warranty (excluding Wiper) valid from delivery date. Warranty cover is based on return to 360 Vision UK Factory with a pre-issued RMA number.
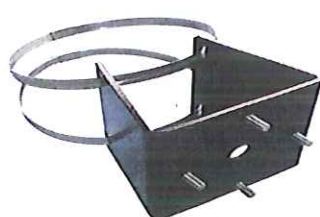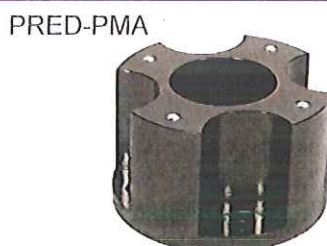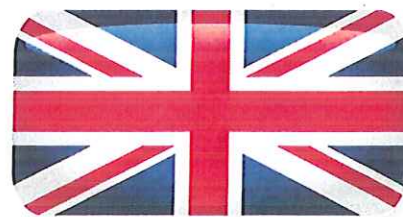
PRED-PSU

PRED-WBRKT

PRED-CB100

PRED-PMB

PRED-PMA

Designed and Manufactured in the United Kingdom

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