



Predator

.....Rugged, but with Style.



Patented Colour at Night



Night scene with standard IR Lighting



Colour at Night, 70 metres

Patented Dual IR & White Light illumination



**Colour
At
Night**

External fully functional CCTV PREDATOR cameras

Innovative Night Vision

- ▶ Patented Dual IR & White Light for 100m COLOUR AT NIGHT

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 'TwistedPair' control from 360 Vision, Honeywell, Pelco P/D, Ultrak with 'in-coax' control from 360 Vision plus Pelco Coaxitron and BBV FSK

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.

Field support

- ▶ 360 Vision staff offer full sales and technical support even on-site when necessary.

Intelligent alarms

- ▶ The intelligent alarm module allows up to 144 alarm inputs which can be remotely configured via the Vision matrix or any compatible third party system.

Creative Privacy zones

- ▶ 32 privacy zones are available with simple joystick positioning and sizing.

Low light capability

- ▶ Frame integration camera options give useable video images at 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 with frame integration for useable images as low as 0.01lux. 360 Vision software enables the colour/mono switch over levels to be set for specific lighting conditions, along with Noise Reduction options.

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: Premade cables of 3,10, 25 and 40m, Wiper system, Wall, Corner and Post Mount Brackets, MountingAdaptor, PSU and Washer system

Predator Camera Features	18x Col/Mono External	28x Col/Mono External	36x Col/Mono External
Colour / Mono	YES	YES	YES
Imager	1/4" EXview HAD	1/4" Super HAD	1/4" EXview HAD
Zoom - optical + digital	18x, 12x	28x, 12x	36x, 12x
Zoom - total	216x	336x	432x
Line resolution	550	550	540
Pixels	752(H) x 582(V)	752(H) x 582(V)	752(H) x 582(V)
Horizontal view angle	2.8°(T) 48° (W)	2.1°(T) 55.8° (W)	1.7°(T) 57.8° (W)
Lens size	4.1 - 73.8 mm	3.5 - 98.0 mm	3.4 - 122.4 mm
ExView technology	YES	YES	YES
Min sensitivity - colour	0.7 Lux	0.25 Lux (50 IRE)	1.4 Lux (50 IRE)
Min sensitivity - colour int	0.05 Lux	0.07 Lux	0.1 Lux
Min sensitivity - mono int	0.01 Lux	0.01 Lux	0.01 Lux
Signal/noise ratio	>50 dB	>50 dB	>50 dB
Picture freeze	YES	YES	YES
Picture flip	YES	YES	YES
PREDATOR FEATURES			
Video output	All PREDATOR units have the following functions		
Scanning	1 V p to p, 75Ω		
Focus/iris	PAL or NTSC		
Presets	Auto / manual		
Tours	360		
Learned patrols	16 (max 90 presets per tour)		
Remote reset	4 mimic tours - up to 30 minutes duration each		
Dynamic privacy zones	Via OSD, IP network or dial up		
Preset titling	Up to 32, 6 present on screen simultaneously, 4 levels of opacity		
Telemetry	YES		
Protocols - includes	Coaxial or RS485 (auto select)		
Variable pan speed/coverage	360, Pelco P/D/Coaxitron, BBV Coax, Ultrak RS485, Forward Vision, VCL RS485/Coax		
Variable tilt speed	0.1 - 120°/sec, 360° continuous rotation, absolute positioning		
Tilt coverage	0.1 - 120°/sec, absolute positioning		
Auto homing	180°		
Col/mon changeover	Goes to preset, tour or mimic tour after prescribed time (menu)		
Line lock	3 levels - menu set up		
Operating temperature	enable/disable		
Power	-20 to 60°C		
Recommended PSU	24Vac 100VA		
Mounting options	PRED-PSU-100		
Operational enhancements	Wall,Corner, Pole, Soffit		
Certification	Telemetry and power with opto isolation		
	Safety mark : CE approval; Ingress : IP67		

360PRED1510-9v1

PREDATOR options:



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