



Vehicle surveillance
solution



Technical Specification





Vehicle surveillance solution

Woodway Engineering and 360 Vision Technology have combined their engineering capabilities to produce a unique and versatile, vehicle mounted camera solution which can be deployed where a rapid security response is required. The system can be fitted to standard estate cars and 4 x 4 vehicles, as well as traditional vans and bespoke vehicles.

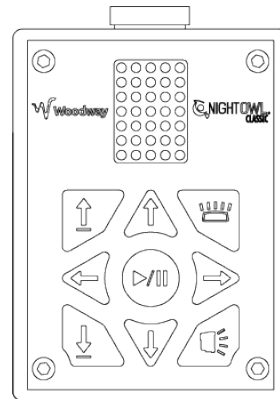
Key Benefits of a total system solution:

- Mast extension up to 3 meters above vehicle roof mounting to maximize camera view.
- Totally self-contained, operating from the vehicle's own 12v/24v battery system, no generator or external power supply necessary.
- Choice of permanent or roof rail fixing for non-intrusive vehicle installation. Rapid mast deployment and stowage.
- Streaming of live video and full PTZ control available from inside the vehicle, or remotely via a Video Transmission Unit. With full 1080p HD video recorded onto a 2TB hard disk supplied.
- Viewing live camera footage to remote viewers and across multiple platforms including mobile phones, tablets and PC's.
- Multiple viewers can view the video in real time and full remote PTZ control.
- Take advantage of low bitrate video transmission operating down to 5kbps, allowing deployment without geographical restrictions due to network restrictions.

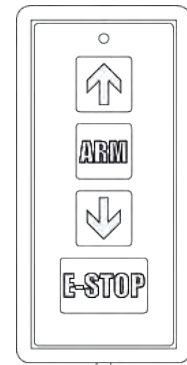
Mast Specifications:

Available in 12V and 24V	Yes
Mast deployment time	1 Min
Mast deployment time with operating camera	3 Min
Full mast retraction time	50 Seconds
Mast assembly length parked	1.72meters
Mast assembly length raised	3.2meters
Weight	51Kg
Automatic park facility	Yes
Obstruction auto stop feature	Yes
Mast lock	Standard fit

Handset Options:



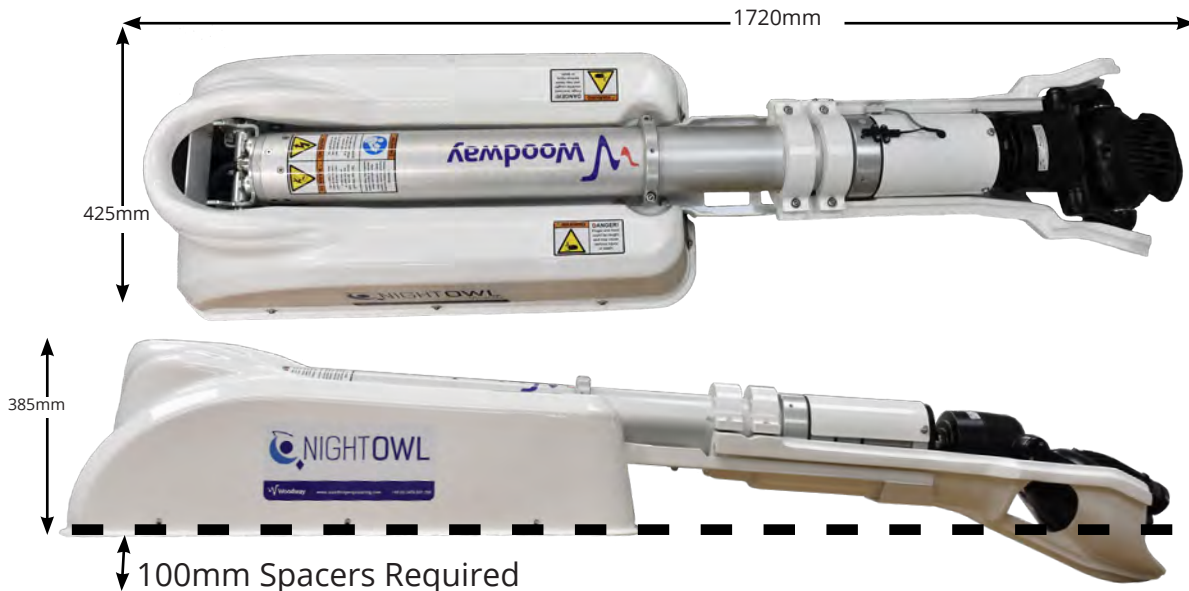
IP 65 rated for outside use



Dash mount for in vehicle use

Note: The mast can be stopped at any point during operation once the camera is out of its cradle.

Night Owl Dimensions:





Ruggedized Predator Cameras

Predator cameras from 360 Vision are a high-performance range of fully featured, ruggedized, PTZ cameras, incorporating HDTV 1080p and capable of 30 x Optical zoom, as well as continuous 360 degree pan and day/night capability. All cameras are IP68 rated, use the latest Sony lens technology, and are equipped with vandal and anti-attack features. Additional options include, white light, IR and thermal imaging, dualview and video transmission

Camera Technical Specifications:

Dimensions	H54.2cm x W15.5(base) W24.8cm (head)
Weight	8.9kg
IP Rating	IP68
Mounting	Bracket and strap – single engineer deployable
Colour and housing	Black or white Aluminium enclosure for external use
Pan Tilt Zoom	Pan: 360° endless 400° per second Tilt: 90° 30x Optical zoom 12X Digital Zoom
Resolution	1920x1080p resolution
Max Frame rate	25fps
Video Streaming	Multiple, individually configurable streams in H.264 Controllable frame rate and bandwidth
Min. Illuminance	0.002 Lux (Colour) 0.0002 Lux (B/W)
Day/Night	Settings available for automatic Day/night
Lens	4.3 – 129 mm
Power Power Consumption	24vac/30vdc Approx. max power draw of 5amps
Operating temperature	-40°C to +60°C



Camera Options:

Model Number	Description
PRED-ULTRA-30-W-B-PRED-XALARM-PSU-SM-HD	Predator Ultra 30:1, 1080P: ULTRA Low Light, HMA, wiper, Black Paint, PSU with alarm interface
PRED-ULTRA-DV-30 - W - B - PRED-XALARM-PSU-SM-HD	Predator Ultra 30:1, 1080P: ULTRA Low Light, + 3:1 1080P camera, with 90° lens, HMA, wiper, Black Paint, PSU with alarm interface
PRTC35640-30U-W-B-PRED-XALARM-PSU-SM-HD	Predator TC 30:1, HD1080P, ULTRA Low Light + 640 Thermal Camera /35mm Lens, HMA, wiper, Black Paint, PSU with alarm interface
Additional camera options (For fitment to above)	
SIR160	Sirius 160 meter IR light
SIR140WL	Sirius 140 meter IR light combined with white light LED's
110WL	110 meter white light only option.
Video transmission and recording option	
VTU 2	Video transmission unit with 2TB of storage in a ruggedized housing for vehicle use.

*Part numbers above are for a black finish. A white finish is available at no extra cost. Other colours available on request.



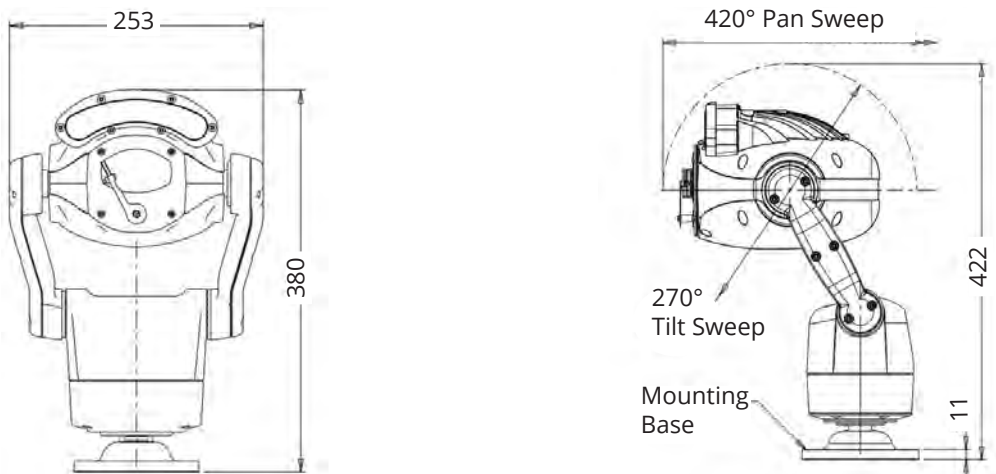
More than just a vehicle solution

Viewing live camera footage can be extended beyond the vehicle's local HD recording and can be accessed on multiple platforms to provide a total system solution, providing real time camera operation and viewing from remote locations. Intelligent software will connect seamlessly to any network whether mobile or Wi-Fi connecting automatically to the system server. All camera features for the remote operator remain fully functioning including power, zoom and tilt. Camera footage can be shared within a secured network and fully managed from a control room by being integrated with class leading VMS platforms, both IP and analogue. Low bit rate transmission of data ensures this system is cost effective to use and provides real time advantages to operators and viewers making this package a total system solution.

Video Transmission Technical Specification:

General	Specification
Connectivity	Compression- optimised H.264 Integrated with existing infrastructure and VMS platforms Integrated 2,5G, 3G, 4G Ethernet, Wi-Fi Local and remote recorded video playback and retrieval Dynamic encoding profiles - manual and automatics
Control Room	Standard integration over IP - RTSP H.264 Bespoke IP integration from industry leading VMS platforms. ONVIF Support
Recording	Internal storage- 750GB/HDD/SDD options Removable storage- 2.5 inch caddy supports up to 1TB Loop or protected mode Definable recording profiles- resolution, framerate, bitrate for maximum flexibility

Predator Specification:



Note: Predator weight 8kg



The Night Owl range of products are designed and manufactured in the UK



Reputation for quality, reliable products, backed up by service and warranty



For more information, a demonstration or quotation please contact:

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ISO 9001 ensures quality and conformity of manufacture



3 Year warranty on Camera Systems