



PATROL

Vehicle mounted 360° panoramic Surveillance

FEATURES

- 360° panoramic imagery
- USB 3.0
- High-quality mega-pixel
- ONVIF PTZ compatible
- Streaming H264 (including VR format)
- GPS NMEA data
- Image archiving
- Analytics 'Ready'
- Rugged, IP67 form factor
- Simple integration with 'open' camera management system
- No image distortion or 'stitching'

ADVANTAGES

- Captures everything, in all directions, all of the time
- Built to withstand tough environmental and usage conditions
- Assists situation reconstruction

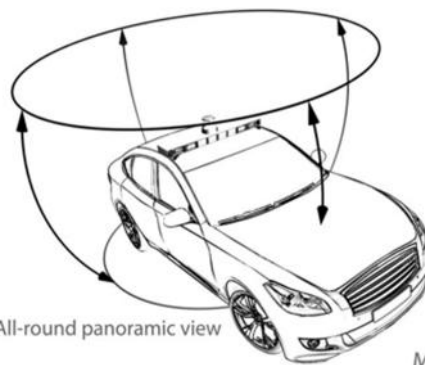
BENEFITS

- Greater impartiality
- Improves understanding
- Generates public reassurance
- Supports accountability
- Improves performance
- Aids dispute resolution

The Patrol Camera

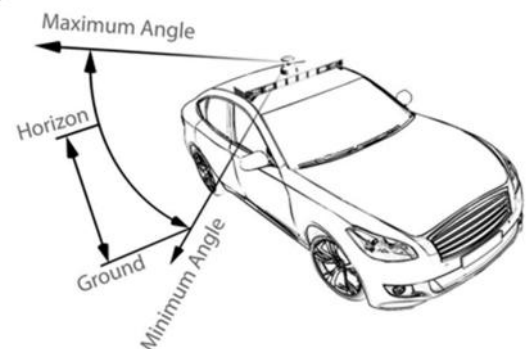
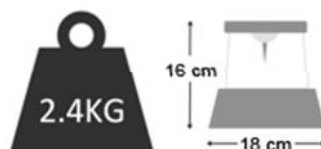
PATROL is a vehicle mounted 360° panoramic camera.

PATROL enables high-resolution visual documentation of everything occurring in the vicinity of a patrol or tasking, ensuring that nothing is missed. With a single camera and using innovative technology, PATROL visually documents the entire scene giving investigators the ability to recreate the operational environment and context post incident.



Frame Rate
Up to 15 FPS at
Full Resolution

Full Resolution
3684 x 3684 Pixels



Observant
INNOVATIONS

PATROL Specifications

Camera

Sensor	ON Semiconductor AR1820HS 18.1MP, 1.25µm pixels 1/2.3 inch format, CMOS
Exposure time	0.022ms – 999ms
Resolution	1842 x 1842, 3684 x 3684 and centred sub-region AOI.
Frame rate	Up to 15fps at full resolution, and higher frame rates when using centred sub-region AOI.
Field of View	Horizontal: 360° Vertical: +6° to -46°
Shutter	Electronic rolling

Images

Compression	JPEG, configurable
Resolutions	2D panorama configurable from 6000 – 12000 pixels horizontally, split 2 x 180° panoramic: up to HD Virtual PTZ views: up to HD
Pan Tilt Zoom	Digital PTZ of selectable view areas, panorama, split 2 x 180° panoramic, 1 - 7 vPTZ windows

Video

Compression	H.264
Streaming	Multiple, individually configurable streams
Compatibility	Subset of ONVIF Profile S to allow VMS connectivity & control

General

Casing	Anodised aluminium with cylindrical acrylic optical window
Power	0.9 – 1.3 W
Connectors	USB 3.0 micro-B
Operating conditions	0°C - 55°C (at internal camera housing) 20 - 80% relative humidity non- condensing
Dimensions	16cm high x 18cm diameter
Weight	2.4 Kg
Included accessories	5m USB 3.0 cable Installation guide
Optional accessories	Lightbar camera mount
Software	Observant Camera (licensed: supplied or downloadable) & Review (free: supplied or downloadable) Camera application includes support for GPS in NMEA format
Warranty	Observant 1 year warranty & extended warranty option

