

Dome Camera Lightbar

Mobile Video/CCTV Solutions



Introducing mobile CCTV systems from Premier Hazard. Including the 360° pan and tilt Dome Camera Bar and the fixed camera systems, for mounting inside a vehicle. Both bring distinct advantages, the choice enabling emergency services, utilities and security services to specify and fit a system that meets their exact requirements.

The fully functional 360° pan and tilt Camera Bar has been integrated into a vehicle's roof mounted lightbar. The 360° Dome Camera bar provides security and emergency services with high performance all round surveillance, with the added safety benefit of leaving the dash and windscreens uncluttered.

The micro Zoom Camera is the latest generation video camera. Compact in design, it fits neatly behind the rear-view mirror and measures only 85mm x 50mm x 50mm - and with its compact size, the Zoom Camera comfortably fulfils the requirements of VOSA by allowing unimpeded vision through the swept area of the windscreen.

Additionally, the unique rear-view mirror monitor available as part of the mobile

CCTV system is specifically designed to work in conjunction with the Zoom Camera. Incorporating a 4 inch TFT LCD, the mirror monitor delivers high definition video pictures to the operator and with its dual function design. keeps the dashboard area uncluttered and free from unnecessary equipment intrusion.

Depending on performance required, the same Zoom Camera can be alternatively mounted to the rear screen, the picture being transmitted to the rear view mirror monitor and available by simply switching camera 'channel'. Various camera specifications are available. For example, operators requiring a fixed focal length camera, to act as a simple vehicle reversing aid, can opt for a camera system tailored to meet that requirement.

Video data can be readily downloaded from the hard drive onto compact flash card, on-board pc or separate laptop. By specifying an alternative to the existing micro DVR, operators can also transmit 'live' pictures and video to a remote location via 3G.





360° Dome Camera Bar



Specifications

Mechanical	Tilt Angle 12° below and 45° above horizontal Rotation 360° continuous Drive Method Belt/direct drive DC motor
Construction	Top cover ABS/Acrylic Mounting Type Light Bar only Cabling Pre-wired
Comms.	Telemetry Type RS485 twisted pair
Dome Speed	Variable Speed 3 axis
Finish	Standard Black Finish
Camera	Video Format-PAL
Specifications	Sensitivity 2 lux colour, 0.05 lux Mono Horizontal Resolution 460TVL Effective/Total Pixels 740k Shutter Speed Auto 1/3 > 1/10k Image Sensor Format 1/4" CCD Lens F1.6 to F=3.8 Angle of view approx' 42° wide, 1.6° tele Zoom Ratio (optical) 26:1 (optical) Digital zoom 12x Focus Auto with manual override Iris Auto with manual override Gain Auto S/N Ratio >50dB
Image Stabilisation	90%@10Hz



Incorporating into the Optimax light bar, one of the most popular lightbars on the market. The pan and tilt 360° Dome Camera is suitable for use over a wide range of vehicles. The elevated light bar position affords it an uninterrupted 360° view.

Using the compact joystick, the operator has complete control of what the Dome Camera sees - when it sees it. The pan and tilt functions can be operated at speeds of between 1° and 30° per second, allowing you to monitor your target with unrivalled accuracy. In addition, the 26:1 optical zoom and 12 x digital zoom lens offers an image far beyond the capability of most standard CCTV packages.

Crowd monitoring, covert surveillance, incident recording or as a health and safety tool: whatever the situation, you can rely on the 360° pan and tilt Dome Camera to do its job.

