

## Covert Camera Vehicle Headrests



### IP Camera Headrest

- Day/Night IP Camera, 0.1 lux, 1080P, 30 x Optical Zoom, 12 x Digital Zoom
- PoE or 12v D/C options
- Onvif Profile S
- Suitable for use with Sonic Scorpion IP
- Compatible IP Encoders/NVR's & VMS such as Milestone



### S400 Camera Headrest

- Day/Night Camera, 1.4 lux, 40 x Optical Zoom, 12 x Digital Zoom, 670TVL
- Integral S400 Encoder
- Integral 3G Modem
- Integral Flashback 3 DVR
- External USB port for Programming/GPS
- External LAN port for external communication devices
- Optional Wired Hand Controller
- DC cable fly lead (9-14v DC)

A versatile and rapidly deployable camera system, suitable for a wide range of vehicles. Position in front, rear or both. Depending on the model, it can view out of 3 or 4 viewing apertures and can continuously rotate 360 deg. It has adjustable width mounting poles and viewing angle. Available in black, beige or grey covers. The headrest can be supplied with a dummy matching headrest allowing both to be changed in the vehicle so they match.



## Covert Camera Vehicle Headrests



### IP250 Camera Headrest

- Day/Night IP Camera, 0.1/0.006 lux, 1080P, 30 x Optical Zoom, 12 x Digital Zoom
- Integral IP250 TVi Encoder
- Integral 4G Modem
- External USB port for recording media / Wireless modem
- External LAN port for Configuration
- DC cable fly lead (9-18v DC)



### Scorpion Mini Camera Headrest

- Day/Night HD Camera, 0.1/0.006 lux, 1080P, 30 x Optical Zoom, 12 x Digital Zoom
- Built in recording onto removable Micro SD
- Built in 4G Modem with access to SIM card
- Built in 4G, Wi-Fi and GPS antennas
- Optional camera view & control over Wi-Fi
- Optional camera view and control over Wired Hand Controller
- External HDMI and USB setup ports

A versatile and rapidly deployable camera system, suitable for a wide range of vehicles. Position in front, rear or both. Depending on the model, it can view out of 3 or 4 viewing apertures and can continuously rotate 360 deg. It has adjustable width mounting poles and viewing angle. Available in black, beige or grey covers. The headrest can be supplied with a dummy matching headrest allowing both to be changed in the vehicle so they match.





# Scorpion IP

Transportable Surveillance System

## Key Features:

- Intel Core i7 64-Bit, 8Gb Ram
- GPS Dead Reckoning & G-Sensor option
- 9V - 32V DC Input
- Supports 4 channel D1@120fps for Analogue Cameras
- Compressed Optimised H.264 for Analogue Cameras
- Supports 4 1080P IP Camera Inputs
- Local Hi-Res/HD recording (SATA SSD or USB HDD)
- 4 x Analogue Cameras Recorded at D1 @120Fps
- 4 x IP Cameras Recorded at 1080P/720P
- Audio Input supported (Via IP Camera)
- Local view & camera control option
- Remote view & camera control option (Wi-Fi &/or LTE)
- Client Server Architecture
- Mobile applications
- Integrate with existing infrastructure & VMS platforms
- SSL Encryption & Certificate Authentication

Scorpion IP provides a fully packaged, multi camera, mobile or fixed transportable solution to allow recording, local & remote control & viewing, suitable for use with analogue and IP cameras and is compatible with our full range of camera options.

## PV1000 RDK

Rapid Deployment Kit

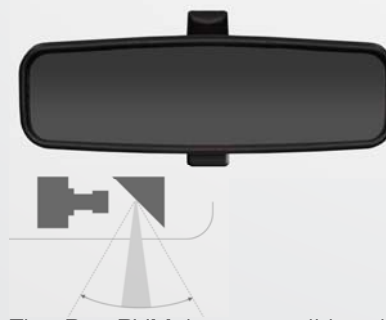
The PV1000 RDK camera system, is designed to provide a rugged solution for quick deployment into vehicles or observation posts, providing the capability to use a PTZ camera with local recording capability. The PV1000 RDK can be used with 3/4G or other egress systems to allow remote monitoring.

## Key Features:

- Rapid Deployment Kit
- Integral DVR with HDD, removable SD Card
- Viewing Screen
- Joystick Pan & Tilt control
- Integral Single Camera interface
- Compatible with our range of PTZ camera options
- Powered by an internal rechargeable battery and external mains option
- External Monitor connection point
- DVR removable for alternative applications (bodyworn)



To complement our range of in-vehicle covert camera systems, the Pan-RVM provides a forward facing 25mm lens camera with a 90 degree motorised pan capability, where the internally mounted camera moves, not the rear view mirror, allowing the capability to adjust the camera viewing position using a camera control system, either locally or remotely.



The Pan-RVM is compatible with our analogue camera control systems and an IP version is also available for our IP camera control systems.

## Pan-RVM

Covert Vehicle Mirror Camera



In addition, a 2nd fixed camera can also be installed, to provide a wide viewing angle and allowing 2 streams, near and far field.



# EX-View Camera

Low Light Camera

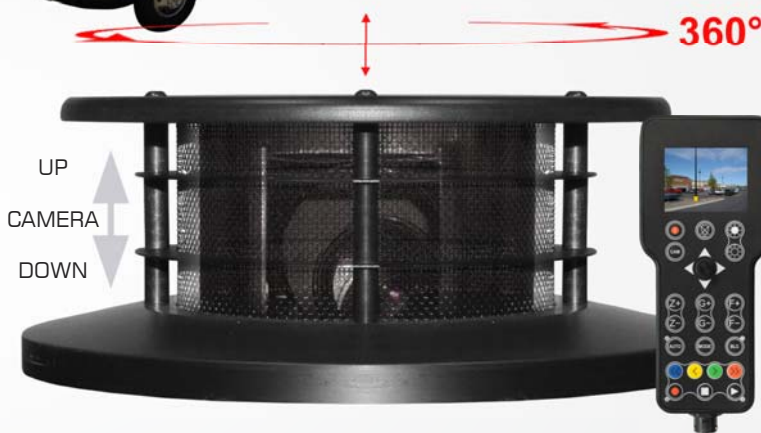
## Key Features:

- Image Sensor 1/3" CCD
- Signal System PAL/NTSC
- Tv Lines 570
- Lens C/CS Mount
- Focal Length 5.8 - 121.8mm
- Minimum Illumination 0.00003 Lux at F0.8
- S/N Ratio 46 dB
- Storage Temperature -20 to 60 °C
- Operating Temperature 0 to 50 °C
- Power Requirements 12.5v D/C



## Key Features:

- Day/Night, 670TVL Camera
- 40x Optical, 12x Digital Zoom
- 360° Continuous Rotation
- Motorised Up/Down (Adjustable Height)
- +/- 15° Tilt
- 0.6 Lux Colour, 0.01 Lux Monochrome
- Frame Integration
- Range of SD & IP Cameras Available
- RS485/232/Pelco D Supported
- Compatible with all Sonic Video Systems



# 27A/h (2590) DC Power Distribution Unit – DC-PDU

The 27A/h (2590) DC-PDU is based on the popular Military specification Lithium-Ion BB-2590/U battery and provides an all-in-one power, charge and backup solution for any 12V system. The cradle supports two batteries (not supplied) and the battery caps will charge the batteries when external DC is applied. This DC source is also passed through to the Distribution Hub to provide power to various devices. When the external DC source is lost the load will be switched over to the batteries to provide continuous power.

- Input Voltage: 10-18vDC (cigarette lighter plug)
- Output Voltage: 12v nominal
- Pass Through if External DC I/P Live (>11.8v)
- 15A Fused Input & Output
- UPS Changeover, Ext DC > 2590
- State of Charge Indicator
- Battery Fuel Indicator
- Compatible with 5590 (no charging)
- Output Lead can be supplied pre-terminated
- Recharges 2590's while external DC is applied



## 44A/h (Tracer) DC Power Distribution Unit – DC-PDU

The 44A/h (Tracer) DC-PDU is based on the popular Tracer Lithium Polymer battery and provides an all-in-one power, charge and backup solution for any 12V system. The cradle supports two batteries and the battery caps will charge the batteries when external DC is applied. This DC source is also passed through to the Distribution Hub to provide power to various devices. When the external DC source is lost the load will be switched over to the batteries to provide continuous power.

- Input 10-18Vdc
- Output 12V nominal – passthrough mode output voltage is as input
- 15A fused input and output
- Seamless change-over from battery to external supply and vice-versa
- Battery fuel indicator – contained within battery package
- Trickle charge system batteries when external DC is supplied (1 Amp)



## 2590 Mini UPS

DC Power Distribution Unit



The 2590 Mini UPS is a small convenient battery unit designed for power loss prevention for mission critical equipment. The unit is capable of charging a BB2590 battery while external DC is present, and sits in-line with the system to be protected.

Upon external DC power loss, the mini UPS seamlessly changes over to providing power from the connected BB2590. Powered from a cigarette lighter plug, the 2590 Mini UPS is an alternative to our deep fit battery solutions.

- Input Voltage: 10-18vDC (cigarette lighter plug)
- Output Voltage: 12v nominal
- Pass Through if External DC I/P Live (>11.8v)
- 15A Fused Input & Output
- UPS Changeover, Ext DC > 2590
- State of Charge Indicator
- Battery Fuel Indicator
- Compatible with 5590 (no charging)
- Output Lead can be supplied pre-terminated
- Recharges 2590 while external DC is applied

## Vehicle Camera Hides

Camera Concealment Solutions

Sonic Communications (Int) Ltd offer a wide range of covert IP and analogue camera hides for vehicle surveillance systems. A small example of some of our popular camera hides are shown here.

Each device can be tailored to suit operational requirements.

- PTZ baby seat analogue camera
- PTZ headrest analogue camera
- Monovision and signage camera hides
- Baby on board, self-contained camera and DVR
- VW badge covert camera
- 4 camera roof lightbars
- Concealed camera within top box
- Magnetic quick-release antennas

