

# Redvision

# RV DOME SERIES

## RV-PSU

### INSTALLATION SHEET

This power supply unit is compatible with Redvision's RV DOME series cameras with built in Infra Red Night vision. The PSU is modular in design and forms a component part of RV-PSU-ALM 16 (PSU with 16 way alarm input) and RV-PSU-ALM16-W (PSU with 16 hard wired alarm inputs and 16 wireless inputs from Redvision's wireless PIR Detectors).

#### Safety

Isolate mains whilst working on any part of this PSU. Metal cover (a) should not be removed. This protects high voltage components.

#### Fixing the PSU

**1** Remove the PSU Lid by releasing 4 plastic fixings. **2** Fix the PSU to a wall using suitable fixings in the 4 access holes shown. **3** Glands should face downwards. All unused glands must be sealed.

#### Electrical Connections

MAINS INPUT Connector (Fused spur to dome PSU).

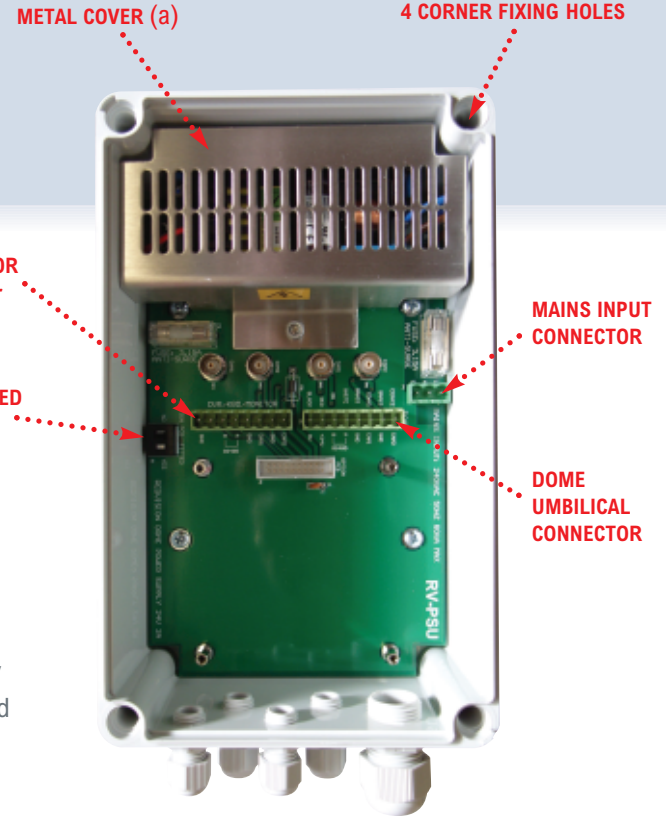
<i>PCB IDENTIFICATION</i>	<i>MAINS INPUT CONNECTIONS.</i>
L	LIVE (BROWN) 110/230Vac.
N	NEUTRAL (blue).
E	EARTH (YELLOW/GREEN).

#### Switch Settings

OPTION PCB FITTED SWITCH should be set to NO for the RV-PSU.

#### Dome Connections (Umbilical cable supplied from Redvision)

<i>PCB IDENTIFICATION.</i>	<i>UMBILICAL CONNECTIONS.</i>
CAM 2	White Coax Signal (dual camera only).
GND	White Coax Screen (dual camera only).
CAM1	Black Coax Signal.
GND	Black Coax Screen.
RS 485 A	White.
RS 485 B	Orange.
+24 V	Red.
0V	Black and cable screen.



#### DVR/KBD/MONITOR (Connections to Control)

<i>PCB IDENTIFICATION.</i>	<i>CONTROL CONNECTIONS.</i>
CAM 2	Camera Input 2 (dual camera only).
GND	Camera Screen 2 (dual camera only).
CAM 1	Camera 1 input.
GND	Camera 1 Screen.
RS 485 A	RS 485 (A).
RS 485 B	RS 485 (B).
NONE	NO CONNECTION.
GND	RS 485 SCREEN.

All video connections can be via screw terminals or via BNC connections.

