



## RVX-PSU INSTALLATION SHEET

This PSU is compatible with the following Redvision X-SERIES Cameras:  
RVX20 and RVX30.

### Safety

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

### Fixing the PSU

Remove the PSU lid by releasing the 4 plastic fixings. Fix the PSU with 4 suitable fixings in the 4 access holes (fixing screws not supplied). Glands should face downwards, all unused glands must be sealed.

### Electrical Connections

#### Connecting the mains power.

MAINS INPUT 100-240v 47-63Hz

L	LIVE (BROWN) 110/230Vac	
N	NEUTRAL (BLUE)	Mains Input Connector
EARTH	GREEN/YELLOW	Earth Terminal Screw

EARTH CONNECTION REQUIRES 4mm RED SPADE LOOP (SUPPLIED WITH PSU) TO BE FITTED BY ENGINEER AT INSTALLATION. SAFETY: ENSURE MAINS INPUT AND EARTH CONNECTIONS ARE SECURELY STRAIN RELIEVED.

Dome Connections	
PCB ID	CAMERA
0V	Black and Cable Screen
24V dc	Red
RS 485 B	Orange
RS 485 A	White
V_GND	Coax Screen
VIDEO	Coax Signal (BNC P7)

Control Connections	
PCB ID	EXTERNAL
RS 485 B	RS 485 B
RS 485 A	RS 485 A
V_GND	Coax Screen
VIDEO	Coax Signal (BNC P6)

Fuse Protection	
F1	Mains input fuse 3.15A anti surge
F2	Camera fuse 3.15 A fast blow

### WARNING

Only use Redvision umbilical supplied cables. Warranty will be void if these cables are extended between the dome and PSU. This could also compromise safety.