



## RVIP-PSU INSTALLATION SHEET

This PSU is compatible with the following Redvision X-SERIES Cameras:  
RV30-720 and RV30-1080.

### 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 corner access holes (fixing screws not supplied). Glands must 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. (6 way Terminal Block)

Pin No.	WIRE COLOUR	SIGNAL
1	Blue	TxN
2	Blue/White	TxP
3	Orange	RxN
4	Orange/White	RxP
5	Red	24Vdc
6	Black	GND

#### Fuse Protection

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

### Network Connection

Ethernet 100BASE-T for connection Cat 5 wired to T568A or T568B Cable run PSU to Hub 50 metres.  
For longer runs the RVIP-ALARM series PSU's includes a repeater for up to 100 metres.

### WARNING

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