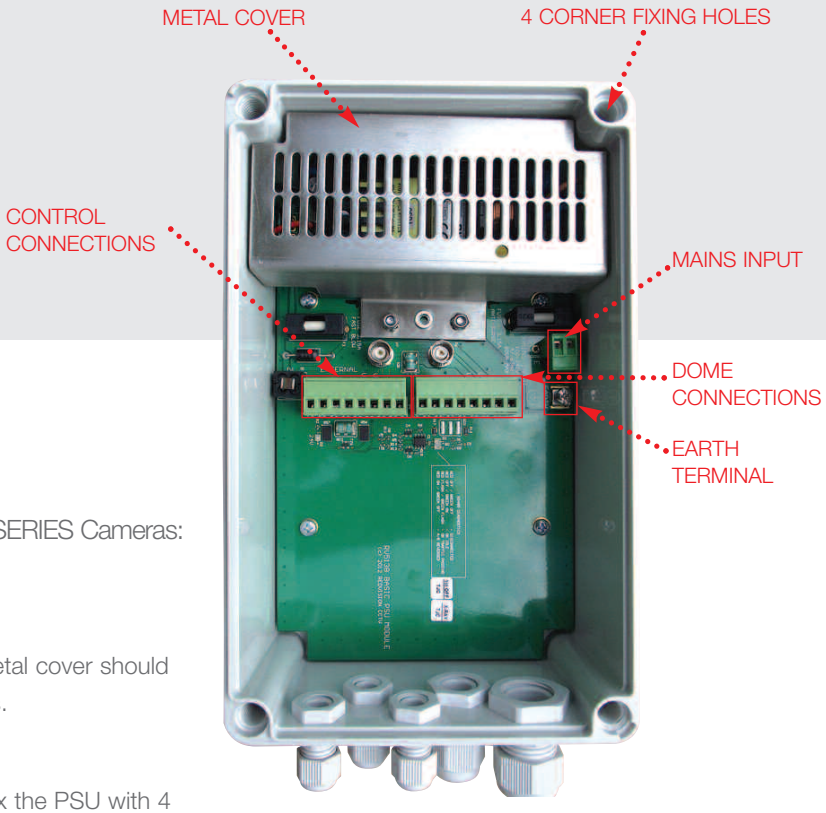

RVX-PSU
INSTALLATION SHEET

This PSU is compatible with the following Redvision X-SERIES Cameras: RVX-18 SERIES, RVX-28 SERIES, RVX-36 SERIES.

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.

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