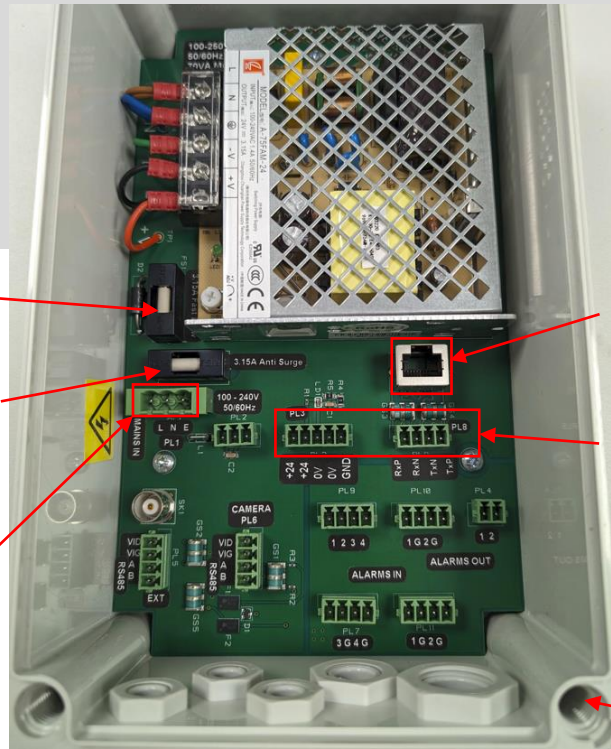


RV-HYB-PSU INSTALLATION SHEET



F2 Camera Fuse
3.15A Fast-Blow

F1 Mains Input Fuse
T3.15A Anti-Surge

240VAC Input (P1)

Ethernet connection

Camera Head connections (PL3, PL6, PL8)

4x Corner Fixing Holes

Safety

Isolate PSU from Power source at all times during installation. Do not remove the metal cover, this protects against high-voltage components.

Fixing the PSU

Remove the PSU lid by releasing the 4 plastic fixings. Attach 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

MAINS INPUT 100-240V AC 50/60Hz

Input Power Connections (PL1)		
PCB ID	Colour	Function
L	Brown	Mains Live Connection
N	Blue	Mains Neutral Connection
E	Green/Yellow	Earth Connection

Junction Box Dimensions (with lid fitted):
L: 230mm W: 140mm D: 100mm
 (Add 25mm to length to allow for glands)

SAFETY: ENSURE MAINS INPUT AND EARTH CONNECTIONS ARE SECURELY STRAIN RELIEVED.

Camera Connections (PL3, PL6, PL8)

Connector	Ident	Wire Colour	Signal
PL3 (Read L~R)	+24VDC	Red	Camera +24VDC
	+24VDC	Red	Camera +24VDC
	0V	Black	Camera DC GND
	0V	Black	Camera DC GND
PL8 (Read L~R)	GND	Drain Wire	Camera Chassis GND
	RXP	Green/White	Ethernet Data RX+
	RXN	Green	Ethernet Data RX-
PL6 (Read L~R)	TXN	Orange	Ethernet Data TX-
	TXP	Orange/White	Ethernet Data TX+
	RS485A	White	RS485A
	RS485B	Orange	RS485B

Control Connections (PL5)

Ident	External
VID	Coax Signal (BNC SK1)
VIG	Coax Screen
RS485A	RS485A
RS485B	RS485B

Fuse Protection

F1	Mains Input 3.15A Anti-Surge
F2	Camera Fuse 3.15A Fast-Blow

Power Input Specification

Input:	240VAC nominal, 0.3A (100-250V AC), 50/60Hz
Output:	24VDC Regulated, 3A

Network Connection

Ethernet 100BASE-T for connection; Cat5e, wired to T568A or T568B. Max. Ethernet distance of PSU to network switch is **100m**.

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