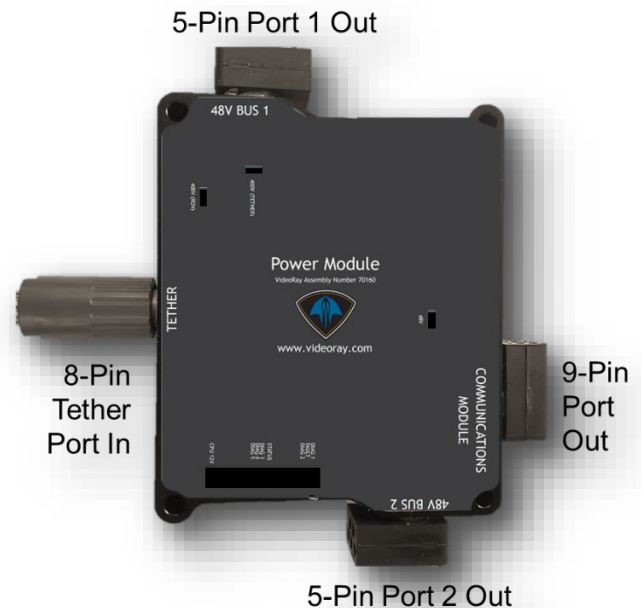


Mission Specialist Power Module

The VideoRay Mission Specialist Defender **Power Module** receives power from the topside or subsea batteries and converts it to power levels required by the various modules, sensors and accessories. Power is rated at 300 Watts for the 24 Volt circuit and 120 Watts for the 12 Volt circuit.



Specifications

5 Pin Female High Power (Thruster, Lights) Connector (2)

Pin	Function	Wire AWG	Color
1	48 V DC +	20	Red
2	GND	22	Green
3	48 V DC -	20	Black
4	RS-485 A	24	Gray
5	RS-485 B	24	White

Power is rated at 750 Watts per port for 1,500 Watts total.

9 Pin Female Communications Module Interface Connector

Pin	Function
1	NC
2	NC
3	24 V DC +
4	M100 EOP +
5	GND
6	M100 EOP -
7	RS-485 A
8	RS-485 B
9	12 V DC +

VideoRay Part Number

70655