

## ELECTRICAL

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Operating Voltage: 12.5 - 37 VDC Input  
 Max. Operating Current: 85 mA typ. @ 12.5 VDC  
 Power: 1.1W typ. @ 12.5 VDC  
 Max. Output to CAN: 18W  
 Digital Interfaces: Controller Area Network (CAN2A), 500 kbps  
 RS-232 Serial Port (default 19.2 kbps)

RS232 Connector: Hirose HR30-6R-6P (6 Pin Male) Receptacle

Pin 1	TxD0
Pin 2	RxD0
Pin3	GND
Pin 4	TxD1
Pin 5	RxD1
Pin 6	GND

CAN Connector: Hirose HR30-6R-6S (6 Pin Female) Receptacle

Pin 1	SHIELD
Pin 2	PWR
Pin3	GND
Pin 4	CAN_H
Pin 5	CAN_L
Pin 6	NC

	Aventech Research Inc. 110 Anne Street South, Unit 23 Barrie, Ontario, Canada L4N 2E3	TITLE CENTRAL PROCESSING MODULE (CPM) TECHNICAL SPECIFICATIONS
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Power Connector:

Hirose HR30-6R-3P (3 Pin Male) Receptacle

Pin 1 SHIELD

Pin 2 PWR (12.5 – 37 VDC)

Pin 3 GND

LED Indicators:

Power Green

Status 1 Bi-Colour Green/Red

Status 2 Bi-Colour Green/Red

## PHYSICAL

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Dimensions:

4.76 in. X 4.76 in. X 2.97 in.

(121.0 mm X 121 mm X 75.5 mm)

Weight:

1.46 lbs. (0.66 kg.)

## ENVIRONMENTAL

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Operating Temperature:

-20 C to 50 C

-40 C to 50 C (available under special order)

Storage Temperature:

-40 C to 90 C

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