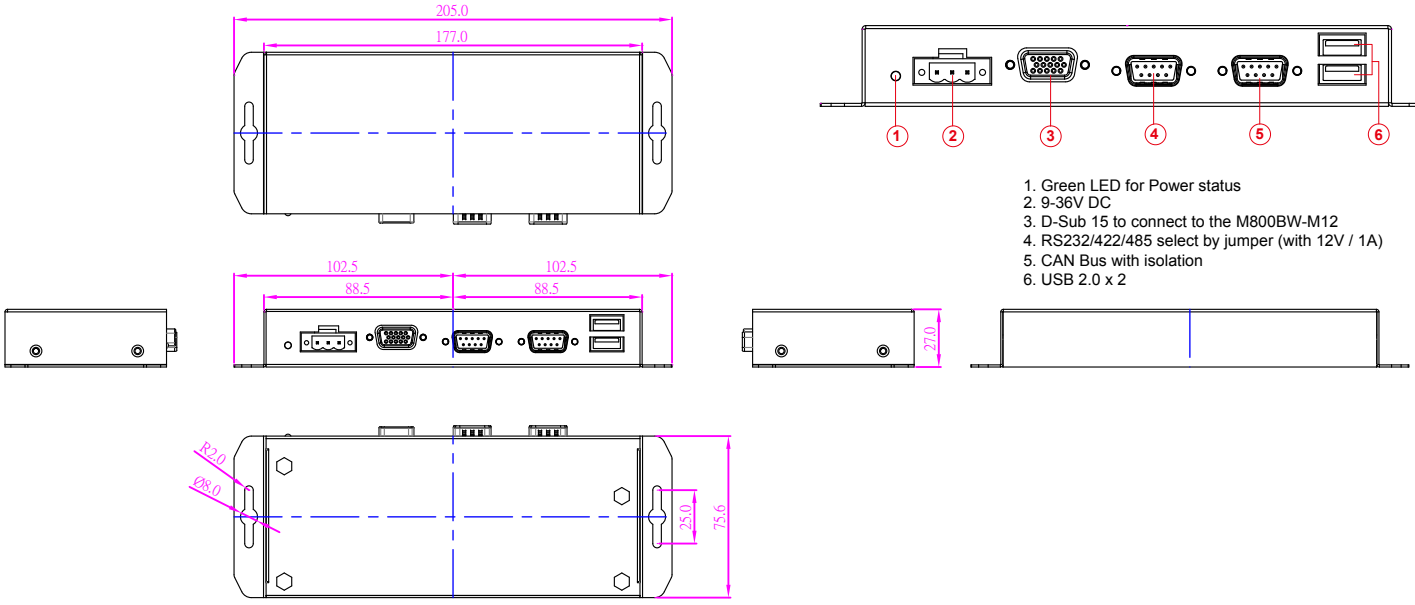
Expansion Box for M800BW-M12

CPM 800

Product Features:

- Works only with the M800BW-M12 Tablet Computer
- Perfectly connects to M800BW-M12 with M12/D-Sub 15 connector
- Provides extended I/O for the M800BW-M12
- Supports wide power voltage input (9~36V DC) with terminal block
- Compatible with vehicle mounting
- Compact and slim mechanical design

Mechanical Drawing



1. Green LED for Power status
2. 9-36V DC
3. D-Sub 15 to connect to the M800BW-M12
4. RS232/422/485 select by jumper (with 12V / 1A)
5. CAN Bus with isolation
6. USB 2.0 x 2

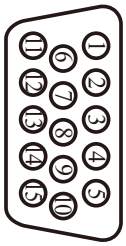
Specification

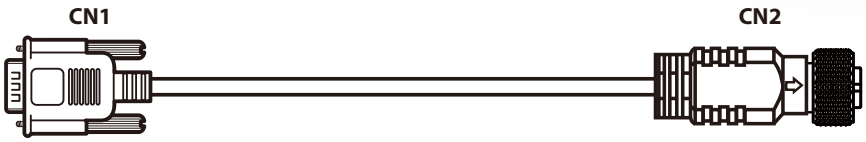
		Model Name
		CPM800
Input/ Output	Power Input	1 x 3-Pin Terminal Block
	D-Sub Connector	1 x D-Sub 15 Female (connects to the M800BW-M12)
	Serial Port	1 x RS232/422/485 select by jumper (with 12V / 1A)
	CAN BUS	1 x Single Channel CAN Bus with isolation
	USB Port	2 x USB 2.0
Indicators	Power Indicator	Green LED for power status
Power Management	Power input	9~36V DC
Mechanical Specifications	Dimensions (W x L x H)	205.0 x 75.6 x 27.0 mm
	Housing	Metal steel
	Weight	450g
Environmental Considerations	Operating Temp.	-20°C ~ +60°C
	Storage Temp.	-30°C ~ +60°C
	ESD (Contact/Air)	12kV/ 15kV
Standards and Certifications	CE, FCC	
Accessories	1 x M12 to D-SUB 15 Pin Male Cable (Length 2m)	

Accessories Cable Pin Assignment

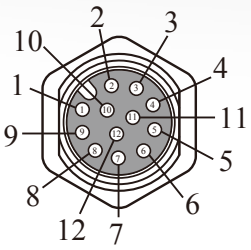
M12 to D-SUB 15 Pin Male Cable (2m)

CPM800 Side

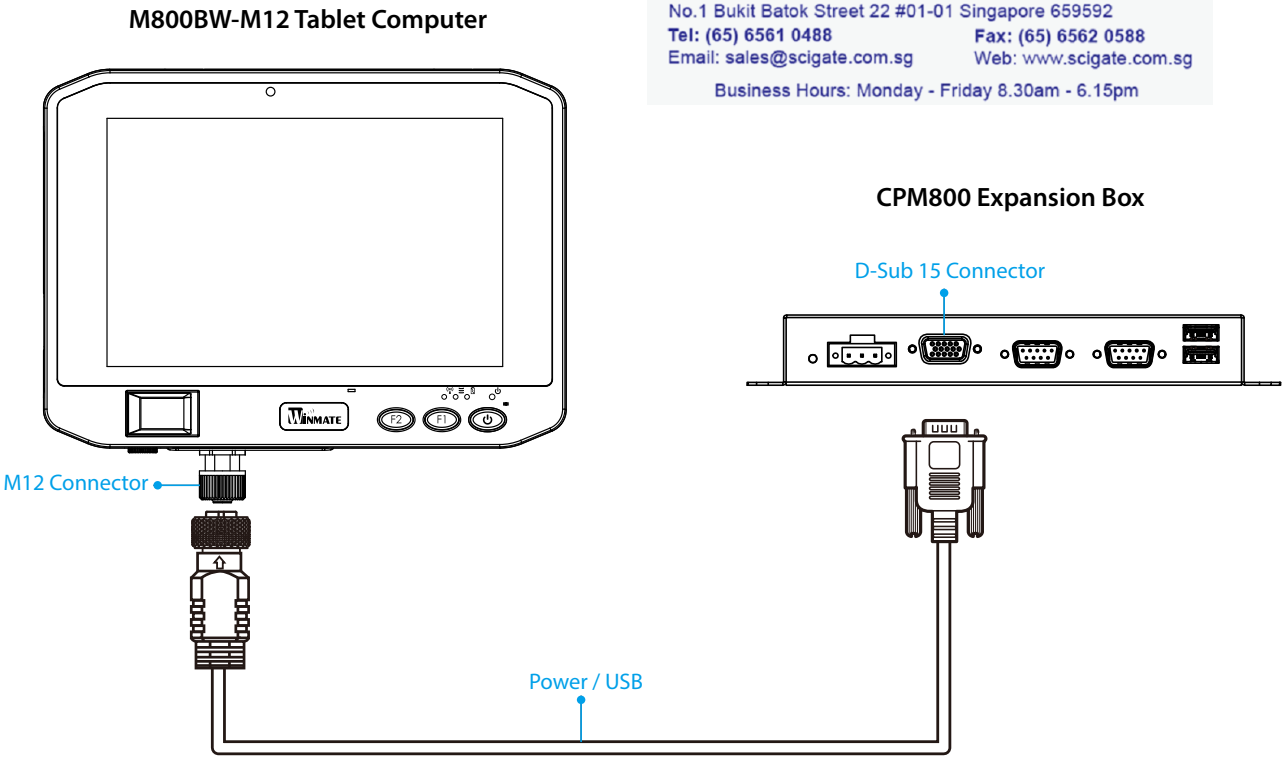




M800BW-M12 Side



Pin No.	Symbol		Pin No.	Symbol
CN1-3	DET1	⟷	CN2-1	DET1
CN1-7	USB_D+	⟷	CN2-2	USB_D+
CN1-12	USB_D-	⟷	CN2-3	USB_D-
CN1-15	DET2	⟷	CN2-6	DET2
CN1-13	USB_GND	⟷	CN2-11	USB_GND
CN1-10	+5V	⟷	CN2-12	USB_VCC
CN1-5			CN2-4	
CN1-8	GND (short)	⟷	CN2-5	GND (short)
CN1-11			CN2-10	
CN1-1			CN2-7	
CN1-2	VCC (short)	⟷	CN2-8	VCC (short)
CN1-6			CN2-9	

Installation Diagram

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