

# Expansion Box for M800BW-M12

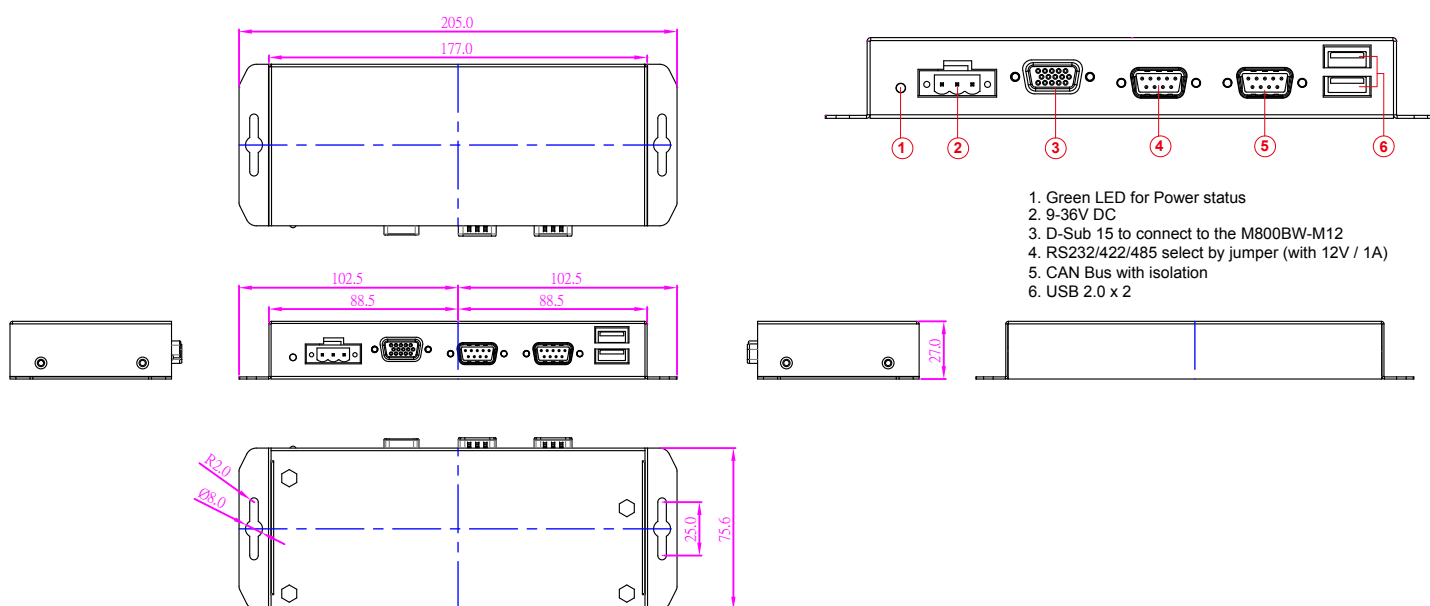
CPM 800

## 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



## Specification

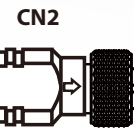
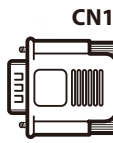
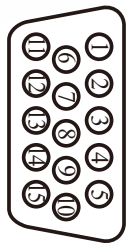
		Model Name
		CPM800
Input/ Output	Power Input	1 x 3-Pin Terminal Block
	D-Sub Connector	1 x D-Sub 15 Female (connects to the M800BW-M12)
	Serial Port	1 x RS232/422/485 select by jumper (with 12V / 1A)
	CAN BUS	1 x Single Channel CAN Bus with isolation
	USB Port	2 x USB 2.0
Indicators	Power Indicator	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

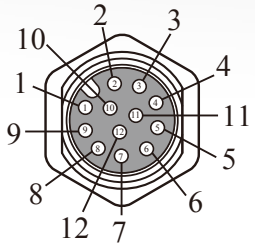
CPM 800

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

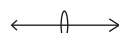
CPM800 Side



M800BW-M12 Side



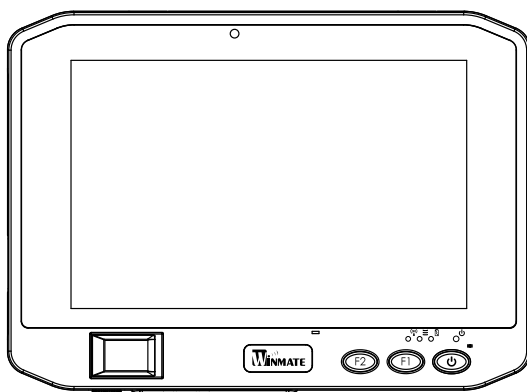
Pin No.	Symbol
CN1-3	DET1
CN1-7	USB_D+
CN1-12	USB_D-
CN1-15	DET2
CN1-13	USB_GND
CN1-10	+5V
CN1-5	GND (short)
CN1-8	
CN1-11	VCC (short)
CN1-1	
CN1-2	
CN1-6	



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

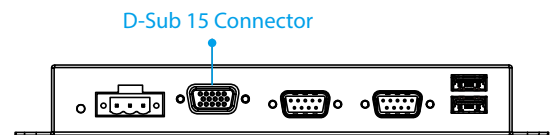
## Installation Diagram

M800BW-M12 Tablet Computer



M12 Connector

CPM800 Expansion Box



D-Sub 15 Connector

Power / USB