



The MELCOBEMS provides M-NET centralised controller connections AE-200E/EW-50E to a third party BEMS via either RS485 or TCP/IP. It does this via a Modbus RTU or a BACnet interface.

Key Features

- Monitor and control up to 50 indoor units
- Modbus and BACnet interface
- Energy monitoring



Air Conditioning | Heating
Ventilation | Controls



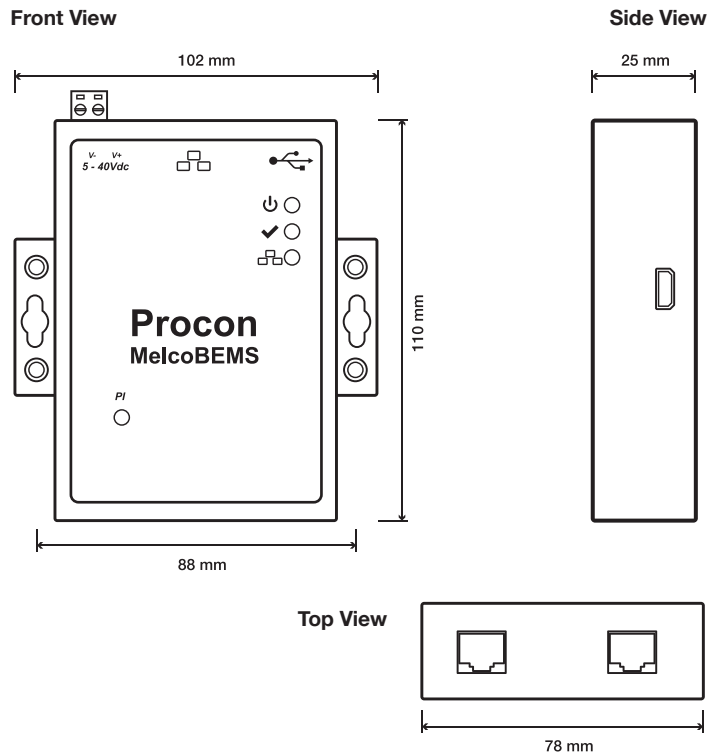
BEMS INTERFACES		MELCOBEMS
Description		AE-200E / EW-50E Modbus BACnet Interface
Connect to		AE-200E and EW-50E
Max Number of Units		50
Compatibility		M Series, Mr Slim and City Multi
Power Supply		24VDC
Dimensions (mm) (WxDxH)		102 x 32 x 180
Network		Modbus / BACnet RS485 and TCP/IP
BEMS Compatibility		Cylon, Satchwell, Crestron, Invensys, Interactive Homes, North BT, Andover, Siemens, WEMS, RDM
Control	On/Off Mode Setpoint Fan Speed Air Direction Permit/Prohibit Filter Sign	DI AI AI AI AI DI DI
Monitor	On/Off Mode Setpoint Fan Speed Air Direction Permit/Prohibit Filter Sign Fault Codes Room Temperature Daily kW Energy Monthly kW Energy	DO AO AO AO AO DO DO AO AO AO With EW-50E*1 With EW-50E*1

Key: DI = Digital Input. DO = Digital Output. AI = Analogue Input. AO = Analogue Output.

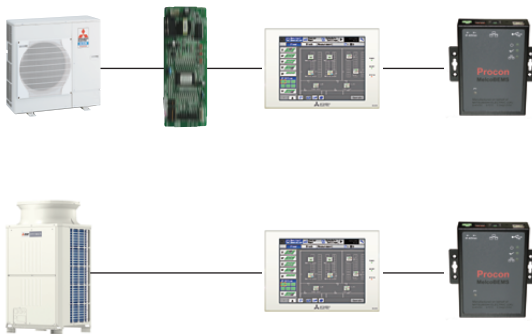
*1 The MELCOBEMS can monitor indoor daily and monthly kWh when used in conjunction with EW-50E, PAC-YG60MCA on third party energy meters.

Note: The EW-50E expansion controller cannot be used with BEMS interfaces.

DIMENSIONS



SYSTEM DIAGRAM



Note: Power supply required 24v DC. Additional power supply required.



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