



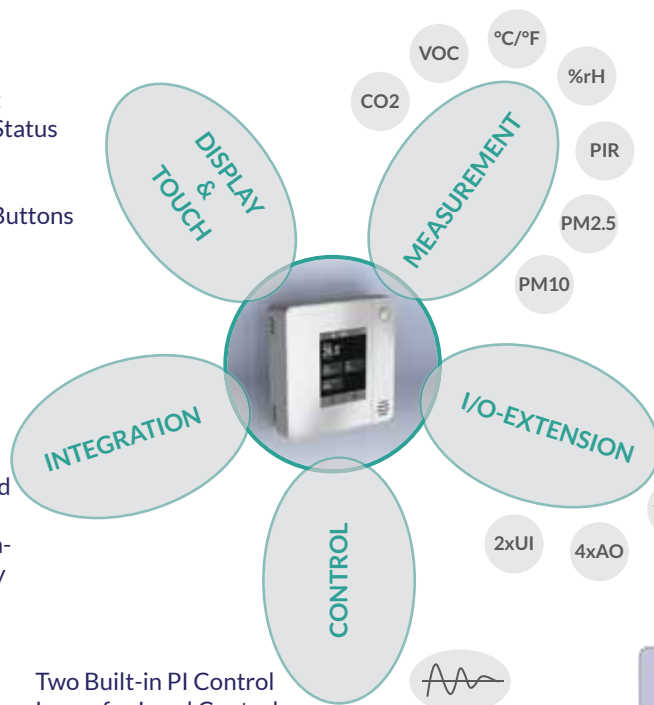
SMART ROOM SENSORS



SENSOR POWERHOUSE

Colour Capacitive Touchscreen
 Modern Glass Front
 Use for Control Settings Adjustment
 Display Measurements and System Status
 Show Energy Consumption Figures
 Trend Graph Display
 Customise the Elements and Touch Buttons
 Alternate Screen Skin Colours

Integrate and control from BEMS and IoT using BACnet MS/TP, Modbus RS485 or LoraWan. Flexible and comprehensive integration from industry specialists.



Measure air quality and other important factors in your building.

CO2 (Carbon Dioxide)
 Volatile Organic Compounds (e.g. smells)
 Particulate Matter (e.g. smoke, fumes)
 Temperature
 Relative Humidity
 Movement and Occupancy

Works as BEMS Input/Output extension. Allows the BEMS extended easily and cost effectively to monitor extra points and areas.

Two Built-in PI Control Loops for Local Control



White Case

Black Case

SENSOR RANGE

Model		TER10 ROOM TEMPERATURE SENSORS	MER10 ROOM TEMPERATURE AND HUMIDITY SENSORS	VER10 ROOM VOC AND HUMIDITY SENSORS	QER10 ROOM CO2 AND TEMPERATURE SENSORS	PMR20 ROOM PARTICULATE SENSORS
MEASUREMENTS	Temperature	●	●	●	●	●
	CO2				●	○
	rH Humidity		●	●	○	●
	VOC			●	○	●
	PIR	○	○	○	○	○
	PM1.0/2.5/PM4/PM10					●
I/O	Universal Inputs	● x2	● x2	● x2	● x2	
	0-10Vdc	● x4	● x4	● x4	● x4	
	Relay	○ x1	○ x1	○ x1	○ x1	
GENERAL	24 Power Supply	AC/DC	AC/DC	AC/DC	AC/DC	AC/DC
	Case Colour ○●	W, B	W, B	W, B	W, B	W, B
	Control Loop (Single Stage)	● x2	● x2	● x2	● x2	
USER INTERFACE	LCD Display	○	○	○	○	○
	Touchscreen	○	○	○	○	○
	Traffic Light Alarm ●●●●	○	○	○	○	○
	Colour Skins ●●●●○	○	○	○	○	○
	Configurable User Interface	○	○	○	○	○
COMMS	Modbus RS485 Slave (model)	●	●	●	●	●
	BACnet MS/TP Server (model)	●	●	●	●	●
	LoraWan	○	○	○	○	
	Internal Bluetooth	○	○	○	○	●

LEGEND: ● Standard ○ Option W = White Case, B = Black Case

