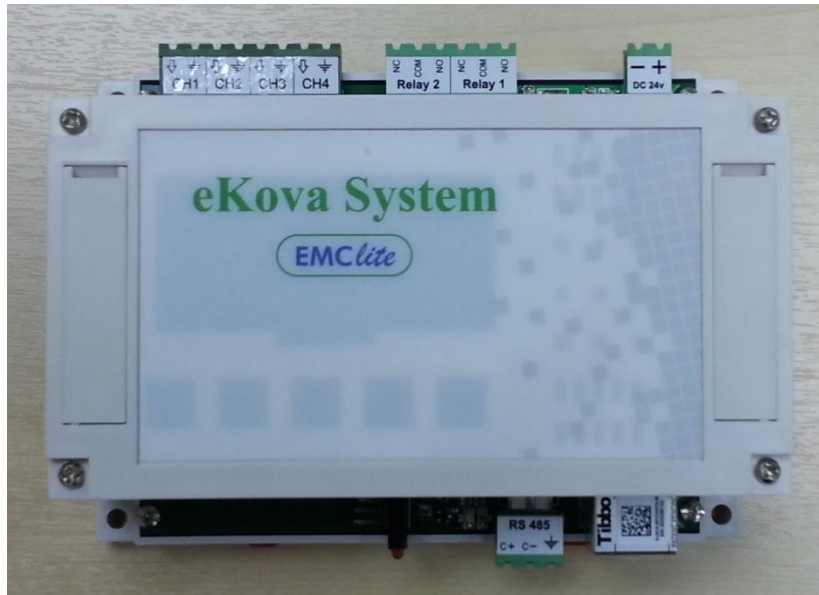


ekoLITE Controller

General Multi Function Controller

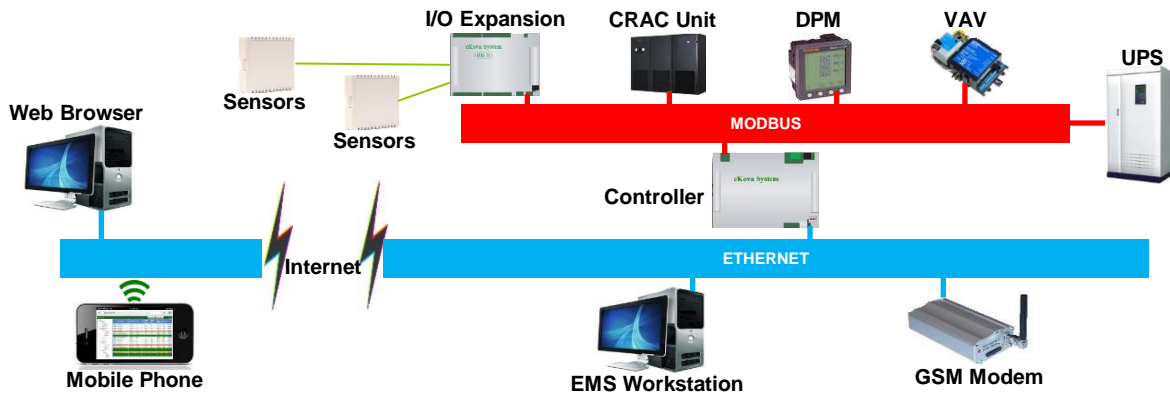


The ekoLITEs are multi-function controllers for monitoring, control and data logging. Its simple and yet versatile design ensures reliability and scalabilities. Each ekoLITE is capable of high level and low level interfacing to other third parties equipment to provide seamless operations.

Key Features and Benefits

- *Points Process:* support alarm evaluation, limits evaluation and logging
- *Event Process:* support logic evaluation, mathematic calculation, scheduling, digital output and PID controls
- *Modbus Process:* support polling of slaves, digital and analogue input/output and data conversion
- *Ethernet Process:* support peer-to-peer process
- *Sensor Conversion:* support thermistor temperature, 4-20mA current loop, quadratic formula and lookup table

Technical Specifications



Specification	Description
Communication	10/100 Ethernet
I/O	4 Universal Inputs / 2 Relay Outputs
High Level Interface	MODBUS RTU
Expansion	Using Modbus slaves, up to 128 mapping points
Memory	Non volatile Flash Memory. Up to 65,000 logging and alarm events
Data Points	128 / 256 Datapoints
Real-Time Clock	Yes, high accuracy, with temperature compensated crystal
Function	Alarm Monitoring, PID controls, Data Logging, Schedule controls
Protection	3 stage ESD protection on Modbus port, PTC resettable fuse on power supply
Environmental Operating Range	-20 to 60°C
Power Requirement	24VDC 200mA
Mounting	DIN RAIL
Dimension (W x H x D)	155 x 60 x 110 mm