

## Intelligent site controller that monitors remote equipment and environmental conditions on the telecom site, simplifying maintenance and site management.

### KEY FEATURES

- Easy-to-install
- Enables high integration of multiple systems, robust data processing and storage capability
- Able to connect multiple intelligent devices
- Built-in SPDs for all ports with surge protection capability equivalent to three times the international standard
- Integrated air-conditioner anti-theft channel, mains detection channel and air-conditioner status detection channel
- Hardware self-diagnosis function, fault detection and CPU utility statistics
- Real-time video using low-cost security camera connected via USB
- Storage of the most recent 2000 alarms enables quick failure analysis
- Convenient data analysis thanks to up to 2500 real time data points.

### Description

The eStone II is a standalone site controller, enabling remote monitoring of the infrastructure equipment and environmental conditions on your telecom site, facilitating maintenance and site management.

The eStone II not only provides common analog/digital inputs and outputs, but by connecting it to supervision modules, it can also provide detailed information and alarms about the AC supply, backup generator and battery backup, as well as the condition and status of auxiliary equipment such as climate units, inverters, building alarms, etc. The eStone II can communicate with Emerson and third party intelligent equipment via its serial port, simplifying its monitoring capabilities for intelligent equipment.

By using the information provided by the eStone II site controller, maintenance and visits to the telecom site can be optimized to save both time and money, especially if the site is located remotely.

The information and alarms for each site can be monitored or checked by means of a simple web browser or monitoring software platform. When using a web browser, no additional software is needed, and the login to monitor the site is password protected.

The eStone II is a supervision and control unit designed for global use, meeting high telecom standards, and providing great flexibility and expandability.

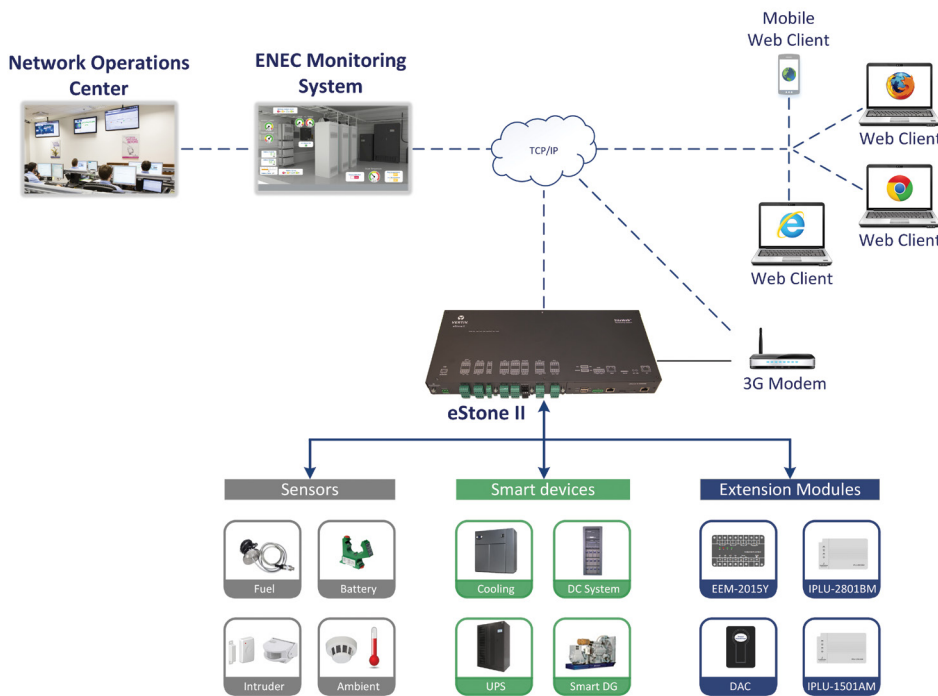


## Technical Specifications

GENERAL	
Power Supply	20 VDC to 60 VDC
Power Consumption	20 W
Temperature Range, Operating	-10 °C to +55 °C
Humidity, Relative	5% to 95%, non-condensing
EMC	CISPR 22, Class A, CISPR22, ETSI EN 300 386, Class A
Safety	Compliant with GB4943, EN60950 and UL60950; CE certified and UL certified

MECHANICAL DATA	
Dimensions	440 x 193 x 44 mm (H x W x D)
Standard Installation Methods	Rack mounted; wall mounted
Weight	≤ 5 kg

COMMUNICATION INTERFACES AND INPUTS/OUTPUTS	
External Communication	RS232 modem, RS232 console, TCP/IP, SNMP, web server
4 Configurable Ports	COM1: RS232                      COM3: RS422/RS485 COM2: RS232/RS485          COM4: RS485
INPUTS (ON-BOARD)	
Analog/Digital Inputs (4)	4 mA to 20 mA current signal or 0 V to 10 V voltage signal
Mains Detection Inputs (2)	0 mA to 10 mA (AC) / 4 mA to 20 mA current or 0 V to 10 V voltage signal
Mains Air-Conditioner Status (2)	0 mA to 10 mA (AC) / 4 mA to 20 mA current or 0 V to 10 V voltage signal
Digital Inputs (3)	Smoke sensor, door status sensor and infrared sensor
Analog Inputs (2)	Battery mid-voltage measurement function
I2C Port (1)	Temperature and humidity sensor or temperature sensor
Waterlogging Input (1)	Single-point measurement or multi-point measurement
OUTPUTS	
Relay Outputs (4)	1 A/30 VDC
USB Ports (2)	USB camera, U disk or GPRS/CDMA modem
Micro SD Port (1)	



## TERMINOLOGY

- eStone II**  
Standalone site controller
- IPLU-1501AM**  
Generic I/O supervision module
- IPLU-2801BM**  
Battery supervision module
- DAC**  
Door access control
- EEM-2015Y**  
AC supply supervision module
- ENEC**  
Multi-user, distributed multi-language web based software for monitoring of critical infrastructure equipment