Controller Module CMD

The powerful controller, based on a state of the art processors, monitors and manages in real time every single component of the system.

Always alive
The dual processor design guarantees the uninterrupted operation of the unit in all the situations, including the restart after the firmware upgrade. The unit can be connected to two different power sources to guarantee the redundancy.

Simple Installation
The installation is immediate: the Controller Module has a local wifi hotspot for the first configuration that can be performed simply using a smartphone.
The Controller Module can be integrated in every management system using SNMP Connecting all the active modules of the system to the controller is incredibly simple using the bus interface, just plugging the connectors in the bus port of the units. The controller identifies the connected modules and it's immediately ready to operate them.

Everything under control
An intuitive web interface shows the status of every single module connected (voltage, current and power used by the device) and control the port switching off and on when needed.

Advanced functionalities
In remote sites the Controller Module can perform activities like Emergency Recover, in case of loss of reachability a programmable sequence of restart of the equipment of the site to try to regain the connectivity, and Survival Operation Mode, in case of short battery life reducing the number of active units to increment the life of the site (available in 2017 with software upgrade).

Easy integration
The Controller Module can be integrated in every management system using SNMP

Electrical Specifications

Input Voltage	10-60 Volts DC
Max Consumption	< 3 W

Ports and interfaces

Management Port	1 x RJ45 10/100 Mbit/s
Controlled Devices connection	1 x Bus interface
Power input	2 x 1.5 mm2 wires terminal blocks and PoE on Ethernet port
Status Indicators	3 x multicolor LEDs port
WiFi	802.11 b/g/n
GRN Connector	4 mm lug

Management and Control

First Configuration	Web interface thtough Ethernet or WIFI
Management	Web Interface and SNMP
Max units managed	12 units (12ASPIs or 11 ASPIs + APSU)

Environmental

Operating Temperature	-40/+55°C
Operating Humidity	5%-90%
Storage Temperature	-40/+85°C

Mechanical Specifications

DImensions (LxWxD)	88x150x36 mm
Weight	75g
Enclosure Material	Varnished iron

Compliance and Warranty

EMC	EN55022 Class B, EN61000-4
Radio	Atheros AR9331 802.11b/g/n 2,4 GHz 13dBm
Rohs	Compliant
Certifications	CE, FCC
Warranty Standard	1 year from date of purchase

Power Protection for PoE