



©ENTRI SERIES

Site Scout

Wireless Remote Monitoring and Control Unit

The new SITE SCOUT Remote Monitoring and Control Unit (RMCU) is flexible product for remote site monitoring and control and Industrial Internet of Things (IIoT) applications. Applications: BDA/DAS & Small Cell Network, Communication Equipment Rack, and Portable Equipment Rack.

The SITE SCOUT provides one AC voltage sense input, one AC or DC voltage sense input, one dedicated DC voltage sense input, two general digital inputs, one AC or DC current sensor input, one temperature sensor input, and four relay outputs. All of these channels are visible on the home page with alarm status and through the Cloud Centri software, and all analog channels are displayed as bar graphs with alarm setting indicators and alarm status color.

Features

Product

- DC-Powered Remote Monitoring and Control Unit for Remote Site Management and Industrial Internet of Things (IIoT) Applications.
- Wireless Communication via Wi-Fi
- Touch screen interface
- Flexible mounting
- 3 Year Warranty

Hardware (Version 1.0)

- DC power input: 12 VDC (AC power supply provided)
- AC mains power monitoring 90~264 VAC
- DC power supply voltage sensor +/-60 VDC
- DC battery or N+1 power supply voltage sensor +/-60 VDC
- AC or DC load current sensor -100 to 100 Amps
- External temperature probe (TC74)
- 2 fully opto-isolated digital inputs for door alarms, status inputs, and DC-OK signals
- 4 relay outputs, NO/NC selectable by jumper
- 32-bit ARM cortex dual core processor
- I2C, SMBus, and PMbus header

Communication

- Internal web server with secure HTTP webpage
- TCP/IP via RJ-45, 10/100 Ethernet
- SNMP v1, 2, & 3 integration with MIB from DuraComm.com
- MQTTs to Cloud Centri cloud server
- SMTP/POP3 – email alerts
- Wi-Fi 802.11 b/g/n (802.11n up to 150 Mbps)
- PMbus input via I2C header
- Secure 128-bit encryption via TLS or SSL (customer must supply their own TLS encryption key)
- Data Logging via web server and internal SD card
- Web Ready / Web GUI / Mobile Status Page HTTPS self-generated web page. Plug-and-Play. No downloads or additional software required.
- Cloud Centri cloud server interface
- Logging and Graphing of data for each input
- Alarm settings and Alarm Status Color
- User customizable inputs and outputs.
- Email alerts and scheduled status emails.
- User configurable alarm thresholds and delays with automatic or manual recovery.
- Manual and scheduled remote power cycling (on/off or momentary) of circuit breakers, repeaters, routers, power supplies, etc.
- Multiple user log-ons with administrator configurable permissions
- Manual or NTP Time Setting
- Log and Download Time stamped Readings and Alarms, stored on internal SD card and downloadable .CSV file
- Custom User Units and calibration for Linear Transducers
- Control Digital Outputs based on Analog Input Alarm.
- Schedule Digital (GPIO Mode) or Analog Output Changes at Specific Times.
- Customizable Labels and Buttons for Each Digital Output.
- Optional Analog Input Averaging.
- Configure Analog and Digital Alarm Delay Duration (Hold-off) before triggering to Avoid Transient Alarms.
- Remote reboot
- User controlled remote software update over TCP/IP
- Easy to use toolless terminal blocks



DC-RMCU-2W
1.5" H x 6.5" W x 3.5" D

Rack Mount Option



RM-DC-RMCU-2W
3.5" H x 19" W x 3.5" D

Model
Number

DC-RMCU-2W

RM-DC-RMCU-2W