Remote RMM-300

General Description

The Westell RMM-300 series products are alarm collection devices supporting up to 40 dry contact inputs via standard Cat 5 cable connections which is ideal for replacing alarm functionality on legacy radio or alarming systems and migrating to modern SNMP management. The RMM-300 supports dual DC power and comes with reversible and rotatable ears and can be rack mounted or wall mounted on a backboard due to its shallow form factor. Each RJ45 port connects to 4 alarms with a standard Cat 5 cable. Optional high-density RJ45 cables are available to support 32 points (8 x Cat 5) in lengths of 25' and 50' to facilitate rapid installation. The RMM-310 model also adds support for up to three Westell SiteBus sensors for temperature and/or humidity, connected via a dedicated RJ45 port on the front panel.

An easy-to-use web interface provides for complete configuration, and the system can be optioned with factory pre-configured alarm and network settings if required, and also supports network standard templating and enforcement. Mobile app support eliminates the need for a PC when configuring the RMM-300. The RMM-300 can also operate as an alarm peripheral for Westell remote units such as the RMX-4000, RMM-800, and RMC-700, streamlining the path to full site management. When performing this expansion, the RMC-700, RMM-800, or RMX-4000 RTU can be connected to the second Ethernet port of the RMM-300 and the IP address assignment reused for the RTU, eliminating the need to rewire alarms or reserve additional network ports and addresses.

Product Highlights

- High capacity alarm collection in a compact 1RU device
- Low profile (1.2" depth) allows for flexible placement in racks, in cabinets, or on a wall
- Dual Ethernet ports allows for easy technician access and/or expansion
- Support for Temperature and Humidity monitoring via external sensors (RMM-310)
- Easy-to-use configuration GUI with import / export of alarm configuration, with future mobile support
- Future support for migration to full site management capabilities by adding a host remote
- SNMP V1/V2c support

RMM-300 Supported Protocols

- HTTPS
- SNMP (v1/v2c) traps
- Multicast DNS discovery (for local technician access)

Ordering information

Remote RMM-300	Base RMM-300 unit
Remote RMM-310	Base RMM-300 Unit with SiteBus
523-800832	25 FT 32 Pair, 8 RJ45 cable for alarm connectivity
523-800833	50 FT 32 Pair, 8 RJ45 cable for alarm connectivity
CABKIT-RMM9PK-25	8 ea. 25 ft. multi-colored (supports 32) w/open end, 1 ea. 25 ft.ETH
CABKIT-RMM9PK-4	8 ea. 4 ft. multi-colored (supports 32) w/open end, 1 ea. 25 ft. ETH
SBTEMP-RJ45	Sitebus temperature sensor (RMM-310 only)
560-000416	SiteBus Temperature and Humidity Sensor (RMM-310 only)
560-000453	10' SiteBus Outdoor Temperature Probe (RMM-310 only)
560-000516	20' SiteBus Outdoor Temperature Probe (RMM-310 only)

RMM-300 Management and Management Access

- Web-based user access
- Alarm template upload/download
- Supported as peripheral to Westell remote (future)

Environmental / Reliability / Maintenance / Compliance

- Extended temperature range of -40°C to 65°C (-40°F to -149°F)
- Humidity - 0% to 95% (non-condensing)
- MTBF 200,000 @ 25°C
- MTTR - 10 minutes
- FCC, UL

RMM-300 Physical Specifications

Depth	1.2 in. (3.05 cm)
Height	1.75 in. (4.45 cm)
Width	17 in. (43.18 cm)
Weight	2.2 lbs.
Mounting	19 or 23 in. racks (1RU) or wall-mount
Power requirements	±20-60 VDC, <5W

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