

TELSEC[®] MP1

Critical Monitoring & Alarms Made Easy

The TELSEC MP1 is designed to address the monitoring and alarming requirements of critical infrastructure equipment and facilities for multiple industries such as: data centers, telecommunications, cable/broadband, utilities, governmental, industrial, commercial and multi-residential facilities. The compact intuitive system will monitor environmental conditions like temperature, humidity, intrusion, AC & DC power, ATS, generators, fuel level, and other critical systems found in remote equipment cabinets, closets, cages and rooms.

The MP1 monitors the incoming DC voltage powering the unit plus has six universal inputs which support monitoring temperature, contact closures or any 0-5 VDC or 4-20 mA sensors. There are two digital outputs for alarm notification or control as well as an Ethernet port for remote communications.

The system features a built-in web server for programming and status monitoring of the site, including extensive alarm logging and historical point data logging with a graphing engine. The alarm logic is programmable for multiple severity levels and delay times. All programming is stored in non-volatile memory and can easily and quickly be backed up to a PC or server. Alarm notifications are sent using SNMP traps/informs and email notification.

The MP1 is a hardware-integrated solution into Quest's OspreyFMS[®] enterprise software, providing users a comprehensive view and management of their critical facilities.

Features:

- Six Universal Inputs & Two Form C digital outputs
- Ethernet communications with support for IPv6, IPv4, HTTP, HTTPS, RADIUS Password Authentication, SSH, Telnet, TL1 and SMTP (Email)
- SNMP v1, v2c and v3, for sets, gets, traps and informs
- Compact Package allows for Wall or Rack Shelf Mounting
- Enable Interrogation of Remote Site from any Alarm or Maintenance Center

Benefits:

- Eliminates downtime by acting as an Early Warning System
- Reduces visits to Remote Sites
- Simple to install & program
- Can be configured through a web browser or upload a config file
- Real-time view of your facility and critical equipment
- Low-cost solution for remote monitoring of your critical facilities

Applications:

- Utilities / Telecommunication / Cable & Broadband / Data Centers / Edge Computing
- Ideal for small locations such as Cabinets, Closets, Cages & Rooms



IPv6 Enabled
SNMP v3 Ready
SSH Enabled

Specifications

Part number: 151095

Inputs: six universal inputs supporting 0-5 VDC, 4-20 mA, thermistors, and contact closures, plus an additional DC input voltage monitor supporting 18-60 VDC

Outputs: two Form C digital outputs. Contact rating: 0.5 amp @ 60 VDC

Network interface: Ethernet 10/100 Base-T

Protocols supported: IPv6, IPv4, HTTP, HTTPS, RADIUS Password Authentication, NTP, SMTP (email), SSHv2, Telnet, TL1, SNMP v1, v2c and v3 for Gets, Sets and traps/informs

Alarm Destinations: four programmable trap servers, ten email addresses or distribution lists

I/O terminal: spring loaded push terminals

Power: 24-48 VDC, 3.7 W max.

Battery: long life lithium

Temperature sensor accuracy: $\pm 1^\circ\text{F}$

Ambient operating temperature: -4° to 140°F (-20° to 60°C), 0-95% RH non-condensing

Certification: UL, cUL, FCC 47 CFR Part 15B, ISSED ICES-003 Class A

Dimensions: 8.2 L x 4.7 W x 1.7 D in. (208 x 119 x 43 mm)

Weight: 0.9 lb (408 g)

Warranty: 1 year



Specifications subject to change without notice

Tel: (941) 729-4799, Fax: (941) 729-5480
208 9th Street Drive West
Palmetto, Florida 34221

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www.questcontrols.com

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