

Network Alarm Router A&E Specification for the iCOM™/iCOM-E™

Manufacturer

The manufacturer of the Network Alarm Router or Encrypted Network Alarm Router shall be:

Digital Monitoring Products, Inc.
2500 N. Partnership Boulevard
Springfield, MO 65803
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Communication

The Network Alarm Router shall be the DMP iCOM™ Network Alarm Router. The Encrypted Network Alarm Router shall be the DMP iCOM-E™ Encrypted Network Alarm Router. Encryption shall be certified by NIST (National Institute of Standards and Technology) for 128 Bit AES Rijndael Encryption communications. The communicator shall be capable of transmitting signals through the Internet or data network to an approved Central Station or Remote Station.

The communicator shall work in conjunction with the DMP XR500 Series, XR2500F, XR200, or XR200-485 Command Processor™ Panel.

The system shall be capable of communicating with existing data networks, satellite networks, fiber optics networks, local area networks (LAN), wide area networks (WAN), and retail data networks.

The unit shall provide a primary and secondary target IP address for a backup Central Station Receiver.

The panel-to-receiver communication shall be via UDP or TCP communication protocol, as required by UL, to guard against certain denial of service attacks.

The communicator shall be completely programmable locally from a keypad and/or remotely using DMP Remote Link™ Panel Programming Software.

The communicator shall be able to facilitate remote panel upload/download via Ethernet Link.

The communicator shall be capable of reporting alarm, supervisory and trouble conditions, as well as system status information, with distinct messages to a central station or a remote station.

The communicator shall be able to communicate at a baud rate of at least 9600 Baud.

The communicator shall have a programmable Check-in Time ranging from one (1) minute to 240 minutes to provide supervision of the network connection.

The communicator shall be capable of maintaining a static IP Address or supporting DHCP mode for networks with dynamic addressing. This shall be programmable in the communicator.

The unit must provide for complete panel-to-receiver supervision and have a unique key message authentication panel substitution.

The Network Alarm Router or Encrypted Network Alarm Router must be a task-specific, panel-to-receiver communicator that does not use any additional computer, servers, or Windows™-based operating systems, which could allow certain types of security risks.

Listings and Compliance

This unit must be UL Listed for AA Highline Security or Encrypted High Line Security:

UL 365 Police Connected Burglar
UL 609 Local Burglar
UL 1023 Household Burglar
UL 1076 Proprietary Burglar
UL 1610 Central Station Burglar
UL 1635 Digital Burglar
UL 985 Household Fire Warning
UL 864 Fire Protective Signaling

This unit shall comply with US Patent (6,040,770), be approved by the California State Fire Marshal (CSFM), and comply with FCC Part 15.



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