Altronix®

NetWay16M - Managed PoE Midspan Solution for Standard Network Infrastructure

Rev. DSNetWay16M_07252014

Overview

NetWay16M

Netway M

Altronix NetWay16M Managed Midspans provide power and pass data for PoE compliant cameras/edge devices. Cameras/ edge devices may be located up to 100m from the NetWay unit. A NetWayXT repeater module can be utilized to extend the distance an additional 100m for a total range of up to 200m. A maximum range of 600m is possible using multiple repeaters, based on camera/device port requirement. NetWay Managed Midspans are capable of supporting non-PoE compliant fixed and PTZ IP cameras utilizing NetWay1512 or NetWay3012 adapters.

Specifications

Input:
• 115VAC 60Hz, 4.9 amp.

Power:
• Sixteen (16) ports of cameras/edge devices over ethernet (CAT5) cable up to a distance of 100m per port.
• Unit provides up to 30W max. full power per port. Total power: 300W.
• IEEE 802.3af (PoE) and IEEE 802.3at (PoE +) compliant.
• Short circuit protection.

Functions:
• Programmable PoE shutdown for each port. Utilized to reset cameras/edge devices.
• Auto detection and protection of legacy non-PoE cameras/edge devices.

Features:
• LAN or laptop connection enables programming of PoE shutdown and port monitoring.
• User interface.
• Illuminated master power disconnect circuit breaker with manual reset (switch).
• Individual port status LEDs.
• IEC 320 - 3-wire grounded line cord (detachable).

Electrical:
• Operating temperature:
  UL60950-1 - 32ºF to 104ºF (0ºC to 40ºC).
  UL294 - 32ºF to 120.2ºF (0ºC to 49ºC).
• 114 BTU/Hr.
• System AC input VA requirement: 563.5VA.

Mechanical:
• Unit can be rack, wall or shelf mounted.
• 1U rack mount chassis for use in standard EIA 19" rack.
• Enclosure Dimensions (H x W x D approx.):
  1.625" x 19.125" x 8.5"
  (41.275mm x 486mm x 216mm)
• Product weight (approx.): 7.0 lbs. (3.18 kg.).
• Shipping weight (approx.): 8.3 lbs. (3.76 kg.).

Accessories:
NetWay1512:
• 15W adapter for non-PoE compliant IP cameras.
NetWay3012:
• 25W adapter for non-PoE compliant IP fixed or PTZ cameras.
NetWayXT:
• PoE repeater module extends range 100m.
NetWayXTX:
• PoE+ repeater module extends range 100m.

Agency Approvals

UL/CUL Listed for Information Technology Equipment (UL 60950-1).

CE European Conformity

SECURITY UL LISTED

UL Listed for Access Control Systems (UL294).

Power over Ethernet (PoE) for Access Control (UL294B)

Enclosure Dimensions *(H x W x D approximate)*:
1.625" x 19.125" x 8.5" (41.275mm x 486mm x 216mm)

OUT

Ports
1→16

IN

1 2 3 4 5 6 7 8
9 10 11 12 13 14 15 16

RESET

+ PoE −
SHUTDOWN

ETHERNET

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Netway

0.95"
(24.13mm)

19.125"
(485.775mm)

17.125"
(434.97mm)

8.5"
(215.9mm)

1.625"
(41.275mm)

RESET

OFF

AC POWER

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NetwayM