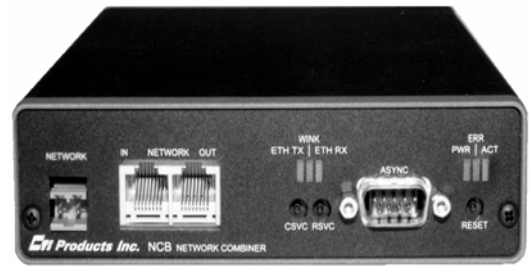


PowerCommand[®] Ethernet Router



> Specification sheet

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Description

The PowerCommand[®] Ethernet Router allows a single network installation to be connected via existing Ethernet TCP/IP LANs. The Ethernet Router takes advantage of an existing media backbone, allowing a single network installation to span floors, buildings, campuses or cities using the existing TCP/IP backbone. All network channels are effectively combined into a single virtual network.

The Ethernet Router supports multiple Ethernet media and IP addressing modes. Each router requires a unique IP address, which must be assigned by the LAN system administrator.

Features

- Connects multiple LonWorks[®] channels into a single unified network by taking advantage of an existing Ethernet (TCP/IP) LAN backbone.
- Provides transparent operation¹ with Power-Command for Windows[®] V 2.0 or other LonWorks automation software.
- Allows remote system diagnostics via Ethernet. Supports 10 Base-T and AUI Ethernet connections (10 Mbps).
- Supports Unicast, Unicast/Replicate and Multicast IP addressing.
- Includes network bus terminator, wall mount power supply and wall mounting brackets.

Specifications

Network

Channel A: LonWorks FT-10

Channel B: Ethernet 10 Base-T, AUI

IP Transport

UDP (10 Mbps)

Dimensions

Size: 19.1 x 14.2 x 4.1 cm (7.5 x 5.6 x 1.6 in)

Certified

Safety: UL, CSA, CE mark

EMI: FCC, IC, EU Class B

* Power is provided by appropriate wall mount power supply.

Power*

Power: 7 W (max)

Voltage: See ordering information

Temperature

Operating: 0 to +60 °C (32 to +140 °F)

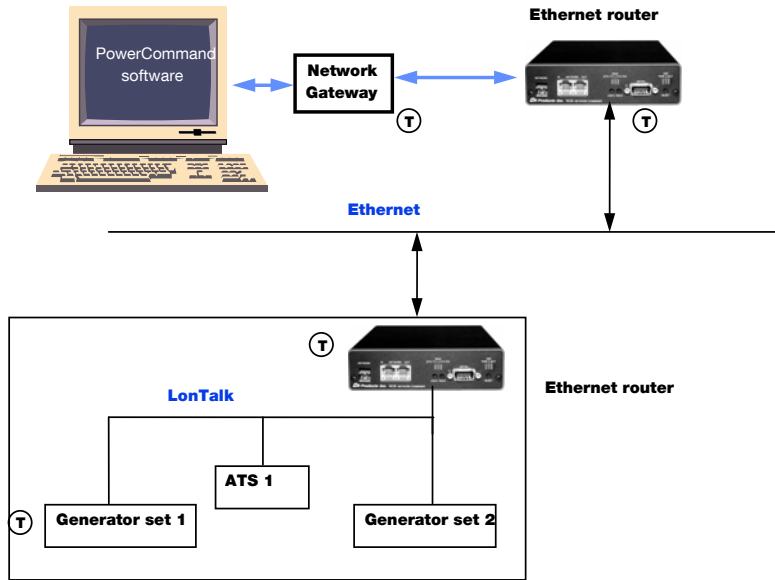
Storage: 0 to +60 °C (32 to +140 °F)

Humidity

Operating: 10 - 95% RH (non-condensing)

¹Note: Heavy Ethernet traffic may affect the performance of the LonWorks network. Critical system control should not be run through the Ethernet router.

Typical installation



Ordering information

Part number	Description	Input volts/Hz	Plug type
0541-0867-01	PowerCommand Ethernet router Kit	10-30 VDC	DC cord
0541-0867-02	PowerCommand Ethernet router Kit	120 VAC/60	US
0541-0867-03	PowerCommand Ethernet router Kit	230 VAC/50	Europe
0541-0867-04	PowerCommand Ethernet router Kit	230 VAC/50	UK

See your distributor for more information.

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 S-1412b (9/07)

