

PowerCommand[®] Ethernet Router (FT-10)



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, campus 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 PowerCommand for Windows[®] V2.0 or other LONWORKS automation software.
- Allows remote system diagnostics via Ethernet. Supports 10Base-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.

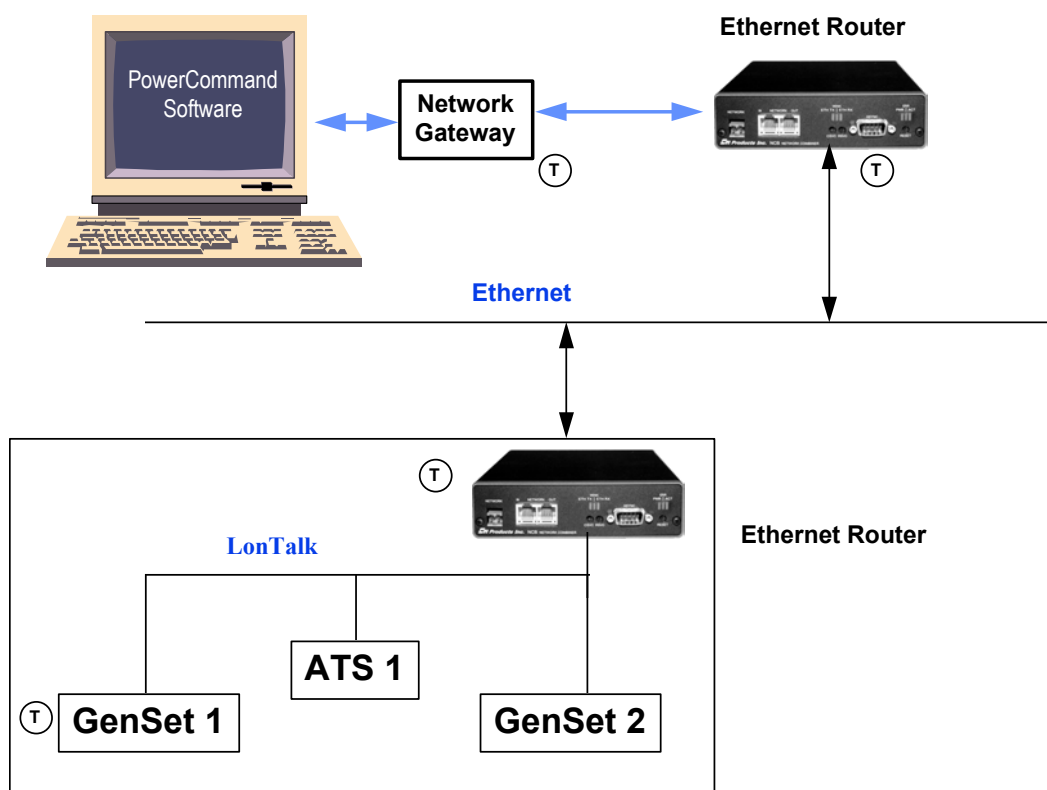
Specifications

Network		Power*	
Channel A:	LONWORKS FT-10	Power:	7 W (max)
Channel B:	Ethernet 10Base-T, AUI	Voltage:	See Ordering Information
IP Transport	UDP (10 Mbps)	Temperature	
Dimensions		Operating:	32 to +140°F (0 to +60°C)
Dimensions:	7.5 x 5.6 x 1.6 in (19.1 x 14.2 x 4.1 cm)	Storage:	32 to +140°F (0 to +60°C)
Certified		Humidity	
Safety:	UL, CSA, CE Mark	Operating:	10 - 95% RH (non-condensing)
EMI:	FCC, IC, EU Class B		

* Power is provided by appropriate wall mount power supply.

¹ NOTE: Heavy Ethernet traffic may affect the performance of the LONWORKS network.
Critical system control should not be run through the Ethernet Router

Typical Application



Ordering Information

Part Number	Description	Input Volts / Hz	Plug Type
541-0867-01	PowerCommand Ethernet Router Kit	10-30 VDC	DC Cord
541-0867-02	PowerCommand Ethernet Router Kit	120 VAC / 60	US
541-0867-03	PowerCommand Ethernet Router Kit	230 VAC / 50	Europe
541-0867-04	PowerCommand Ethernet Router Kit	230 VAC / 50	UK

See your distributor for more information



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WARNING For Professional Use Only. Must be installed by a qualified service technician. Improper installation presents hazards of electrical shock and improper operation, resulting in severe personal injury and/or property damage.

WARNING Back feed to a utility system can cause electrocution and/or property damage. Do not connect generator sets to any building electrical system except through an approved device or after building main switch is open.