

10Mbps HomePNA2.0 Switch

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10Mbps MTU/MDU Broadband Multimedia Solution

Robust, Scalable , and Remote Network Manageable

*Quick installation, Easy set-up, and Fast
service start-up for subscribers ...*

Simply using the phone-line ...

*The Most Adaptive and Cost-Effective
MTU/MDU Solution.*

INTRODUCTION

HOME PNA SWITCH PLS8860/PLS8861 IS DEDICATED FOR SERVICE PROVIDERS THAT WOULD LIKE TO PROVIDE COST-EFFECTIVE BROADBAND MULTIMEDIA SERVICES.

ROBUSTNESS IS THE AIM FOR THE DESIGN DUE TO THE NATURE OF HOME PNA TECHNOLOGY IN THE NOISY ENVIRONMENT OF APPLICATION. EVEN IN THE ENVIRONMENT WITH CROSS-TALK NOISE, ROBUST DESIGN WILL ENABLE THE SWITCH TO SURVIVE WITH ACCEPTABLE THROUGHPUT. THE SWITCH IS ALSO A MANAGEABLE, SCALEABLE AND UPGRADEABLE SOLUTION THAT HELPS SERVICE PROVIDERS TO PROVIDE BROADBAND MULTIMEDIA SERVICES TO THE PUBLIC AT RELATIVELY LOW INVESTMENT.

BOTH PLS8861 AND PLS8860 HAVE 14 10MBPS HPNA PORTS, 2 FAST ETHERNET PORTS, AND 2 CONSOLE PORTS. PLS8861 PROVIDES THE CAPABILITY OF REMOTE NETWORK MANAGEMENT.



Model : PLS-8860 / PLS-8861

FEATURES

- Robust to Noisy Environment
- 14-Port 10Mbps Connection Comply with HomePNA 2.0 Standard
- Two 10/100M Fast Ethernet Ports for Expansion or Link to Switch/Hub/Router or Modems
- Selectable Data Rate for Different Service Classes
- Windows-Based Network Management Support for Large Scale Network
- Port Based VLAN Security Support
- IEEE 802.1q Tag VLAN and IEEE802.1p Priority Support
- Remote (or Local) Network Management and Firmware Upgrade
- 19" Rack-Mount Design

SPECIFICATIONS

➤ Network Interface

- HomePNA 2.0 10Mbps Standard Compliant
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- IEEE 802.3 10M Ethernet
- 10/100Mbps Auto-Negotiation Support
- Support Port-based VLAN and IEEE 802.1q Tag VLAN
- Support IEEE 802.1p Priority

➤ Network Management

- Console Port : Mini-DIN (Locally)
- Windows Based Network Management Utility
- Optional Remote Network Management (Via Internet or Ethernet Port, by Telnet Protocol)
- Password for Access Protection
- Data Rate Control of PNA Port
- Port Enable/Disable
- Terminal ID Filtering
- F/W Upgradeable
- SNMP Support
- For Scale Network Architecture

➤ Connectors

- Ethernet : 2, RJ45 Jack
- HomePNA Port : 14 Ports, Two RJ45 per Port, One for HPNA, Another for Phone-line Bypass
- Console Port : 8-Pin Mini-DIN Jack

➤ Indicators

- Power
- HomePNA Link/Activity
- Ethernet Link/Activity
- Switch ID Display (7-segment LED, to identify a switch by numbering in a cascade system)

➤ Terminal Devices

- USB Adapter
- Ethernet/PNA Bridge

➤ Power Requirement

- Internal Switching Power Supply
- Full Range 100-240VAC, 50/60Hz
- Power Consumption < 40 Watts

➤ EMI/EMC

- Comply with FCC Part 15 Class B
- Comply with CE CISPR 22
- Comply VCCI

➤ Safety and Protection

- Comply with IEC-950
- Lighting Protection Comply with K.21

➤ Environmental Conditions

- Operating Temperature : -5°C ~ 45°C (24°F ~ 114°F)
- Storage Temperature : -10°C ~ 65°C (14°F ~ 149°F)
- Operating Humidity : 10% ~ 95%, Non-condensing

RELATED CPE PRODUCTS

➤ Suggested CPE Products for Total HomePNA2.0 Solution

- PET-2100, HomePNA2.0 Ethernet Bridge
- PUA-2100, HomePNA2.0 USB Adapter