



Asoka USA Corporation

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DOCUMENT TITLE:

PL9164-4SW PRODUCT SPECIFICATION

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PS-PL9164-4SW

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1、 Purpose and Scope

This document contains specification pertinent to PL9164-4SW. It includes general specifications, physical specifications, and environmental specifications.

2、 Product description

The PL9164-4SW is a HomePlug AV 200Mbps-based Powerline Ethernet bridge adapter for broadband sharing, online gaming, Voice over IP (VoIP), IPTV, audio and video streaming.

3、 General Specification

3.1 Standard

IEEE 802.3 10/100BASE-T Ethernet
HomePlug® AV

3.2 Network Interface

4XRJ45 Ethernet

3.3 Data Rate

Up to 200 Mbps

3.4 Modulation

OFDM, QAM 1024/256/64/16, DQPSK, DBPSK, and ROBO

3.5 Frequency Band

2-29MHz



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3.6 Power Switch

1 - AC sockets

3.7 AC sockets

4 - switched with 1.10 inches apart

2 - un-switched with 2.25 inches apart

10A max. for each AC socket

3.8 Power cord

4 ft ,14AWG x 3C VW-1

3.9 Power rating

120VAC, 10A max

3.10 PLC QoS

Prioritized random access, contention-free access, segment bursting

3.11 Operating Systems Compatibility

Windows® 98 SE

Windows ME

Windows 2000

Windows XP

3.12 Safety & EMI Compliance

FCC, CE, UL, cUL

3.13 Encryption

128-bit AES

3.14 Drivers

Windows® 98SE, 2000, ME and XP

4、 Physical Specifications:

4.1 LED Indicators

1 – Power

1 - Ground

1 – PL_Power

1 - PL_LNK/ACT



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4.2 Operating Voltage

120VAC, 50/60Hz

4.3 Interface

4 RJ45 10/100 Base-TX, Auto-Negotiation ETH Port

4.4 Dimensions

1.85 in. (H) x 12.1 in. (L) x 5.5 in. (W)

4.5 Weight

1120g

4.6 Product Drawing





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5、 Environmental Specifications:

5.1 Operation Condition

5.1.1 Operation temperature:

32°F to 113°F (0°C to 45°C)

5.1.2 Operation humidity:

10% to 85% Non-condensing

5.2 Storage Condition

5.2.1 Storage temperature:

-4°F to 158°F (-20°C to 70°C)

5.2.2 Storage humidity:

5% to 90% Non-condensing

6. Function:

6.1 The PlugLink 9164 Power Strip is a HomePlugAV200Mbps-based Powerline integrated 4-port switch. Special filters provide higher quality of service (QoS) for bandwidth-intensive applications such as streaming High-Definition (HD) video.

- **Four auto-sensing and auto-speed negotiation 10/100Base-T ports with auto MDI/MDI-X crossover detection**
- **Up to 200Mbps full duplex bandwidth at each port**
- **Six fully protected EMI and RFI filtered AC receptacles**
- **Delivers maximum protection with 1200-joule energy rating**
- **Supplies complete, 3-line AC protection through 6 surge-protected outlets**
- **Optimizes outlet-space usage for large, AC-block plugs**
- **Indicates your devices are grounded and protected with lighted LEDs**



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7. FCC Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.