

## PowerLAN Adapter IH200

### Easy home networking with power supply system

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The new PowerLAN adapter based on the Homeplug AV standard is the perfect, reliable network system for the daily increasing data rates which are required for new Internet services like Internet TV, VoIP telephony, video on demand and high speed internet.

The PowerLAN adapter offers outstanding capabilities with simple plug-and-play networking: just plug the adapter into a household electrical socket, and you have a network over your home's electrical wiring. For connecting further PowerLAN adapter, just push the "pairing" button – no need of Software knowledge anymore!

#### Features

- Our PowerLAN adapter is Homeplug conform, which is a technology to transmit data over power line
- Radio-wave reflection, interference, and obstruction can result in "dead spots" where users cannot connect wirelessly. Home Plug technology provides LAN and Internet access through the wire that brings power to every part of a building. Coverage is complete; dead spots are no longer a problem.
- PowerLAN adapter IH200 provides up to 200 MBit/s performance
- 128-bits AES link Encryption with key management to secure powerline communications
- Integrated Quality of Service (QoS) features support Triple play
- Plug and Play without any configuration modification before using this adapter
- Pairing Button allows user to add third or fourth Fujitsu Siemens Computers PowerLAN Adapter IH200 adapter in the Network without using any software
- LAN interface comes with 10/100 MBit/s Auto-negotiation port. Auto-MDI/MDIX function is supported as well. Users do not have to learn what straight or crossed cable is. Just use any kinds of Ethernet cable to connect to LAN ports
- Bundled Device Management Utility provides easy setup from client PC to add non IH200 adapter in the network
- Device Access Key (DAK) Password provides security for the user management to configure remote HomePlug Devices
- Network Password is used for network security to protect data communication between different HomePlug adapters with different network password. User can also use this feature to build up their own WLAN environment in the building



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**Technical specifications**


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|----------------------------|--|
| <b>System requirements</b> | PC or notebook with Ethernet interface<br>Microsoft Windows XP<br>Microsoft Windows Vista™ |
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| <b>Performance</b> | fast speed up to 200 MBit/s<br>200 m range<br>128-bit AES encryption |
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|------------------------|----------------|
| <b>Special feature</b> | Pairing button |
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**Electrical values**

|               |                    |
|---------------|--------------------|
| Rated voltage | 100-240 V, +/- 10% |
| Frequency     | 50-60 Hz           |
| Power draw    | 5 W, 50 mA         |

**Standards/compliances:**

Network Protocol and Standards Compatibility  
IEEE 802.3 10BASE-T  
IEEE 802.3u 100BASE-TX  
IEEE 802.3x

**Physical Interface**

Ethernet: 1x RJ-45 Connector

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|----------------------------|---------------|
| <b>Physical Dimensions</b> | 98 mm x 64 mm |
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**Environmental Specifications**

|                       |               |
|-----------------------|---------------|
| Operating Temperature | 0 to 40°C     |
| Storage Temperature   | -20 to 70°C   |
| Operating Humidity    | 10 to 90% RH. |
| Storage Humidity      | 5 to 95% RH.  |

**Package content:****Order code S26361-F3485-L1**

1 x PowerLAN Adapter IH200  
1 x Ethernet connection cable (2 m)  
1 x Manual on CD ROM

**Order code S 26361-F3485-L2**

2 x PowerLAN Adapter IH200  
2 x Ethernet connection cable (2 m)  
1 x Manual on CD ROM

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|-------------------|------------------------|-------------|
| <b>Order code</b> | <b>S26361-F3485-L1</b> | <b>(1x)</b> |
|                   | <b>S26361-F3485-L2</b> | <b>(2x)</b> |
| <b>EAN code</b>   | <b>4333643086664</b>   | <b>(1x)</b> |
|                   | <b>4333643066688</b>   | <b>(2x)</b> |

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