ROUTER

TRENDnet
TRENDware, USA
What's Next in Networking

TW-H6W1IR
ISDN Ethernet Router with S/T Interface with Built-in 6-port 10Mbps Hub

The TW-H6W1IR is a multi-function ISDN router that has 6 built-in Ethernet hub ports, which provides small and home office users an all-in-one solution for Internet connection. The built-in hub feature saves users the time and trouble of purchasing and installing a separate hub by allowing 6 separate workstations to directly connect to the ISDN router. The password protection for the system management terminal, PAP, CHAP, and MS-CHAP protocols are supported for remote access users. Also, the TW-H6W1IR is concentrated on easy-of-use, Internet/WAN security, and the cost-effective use of ISDN services. Local and remote Telnet allows simple setup and troubleshooting.

FEATURES

- 6 Ethernet LAN ports (1 ISDN port + 2 RJ-11 ports)
- 128Kbps BRI ISDN TA support over a single ISDN line
- Bandwidth-on-demand with BAP/BACP
- PAP/CHAP/RADIUS, Caller ID, NAT, TCP/IP, DHCP support
- Internet access with single ISP account
- Dial-on-demand to place a call to the remote site automatically
- Network Address Translator enables simultaneous use of one IP address
- Firewall protection, PPP/MP security
- LAN-to-LAN enterprise connections
- Remote dial-in server support
- Control local and remote console via Telnet
- SNMP manageable
- ISDN S/T interface support
- Flash memory for firmware upgrade
- Setup utility for easy configuration
- 5 Year Warranty

BENEFITS

- **Performance:**
  Designed to easily integrate into any Ethernet network.

- **Flexibility:**
  Saves router costs, on-line charges, and less expensive than owning a class C IP address.

- **Security:**
  Can be used in either LAN or WAN and 10Base-2 or 10Base-T environments.

- **Cost-Effectiveness:**
  Built-in firewall and secure gateway for LAN users.

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SPECIFICATIONS

LAN Standard:
- IEEE 802.3 10Base-T Ethernet

LAN Protocol:
- CSMA/CD

LAN Speed:
- 10Mbps (half-duplex)

LAN Ports:
- 6 UTP/STP RJ-45 10Base-T Ethernet ports

Communication Ports:
- ISDN port: 1 x S/T Interface
- Analog phone port: 2 x RJ-11
- Console Port: 1 x DB-9 RS-232 DCE port

Network Cables:
- 2-pair UTP CAT 3, 4, 5, (100m) for 10Base-T, EIA/TIA-568 100-ohm Screened Twisted Pair (STP)

LEDs:
- Power, Test, ISDN (LINK, B1/B2), Ethernet (Link/Act, Col), and Phone 1, 2

ISDN Speed:
- ISDN BRI up to 128Kbps

ISDN Protocol:
- PPP/Multi-link PPP

Power Supply:
- 18V/750mA through external DC power adapter

Power Consumption:
- 8.5 W max.

Dimensions:
- 220 x 166 x 45 mm (8.7 x 6.5 x 1.8 inches)
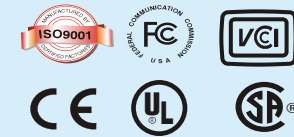
Weight:
- 739 g (1.6 lbs.)

Temperature:
- Operating: 0° to 50° C (32° to 122° F)
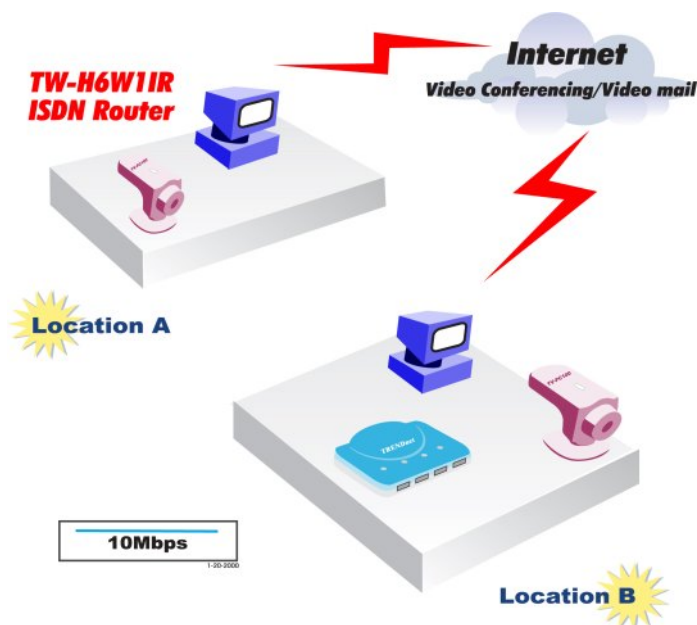- Storage: -25° to 55° C (-13° to 131° F)

Humidity:
- 5 % to 95 % non-condensing

Certifications:
- FCC, VCCI, CE 0682 X, UL, CSA

ISO9001   FC   VCI   CE   UL   CSA

NETWORKING SOLUTIONS

PRODUCT INFORMATION

TW-H6W1IR
ISDN Ethernet Router with S/T Interface/Built-in 6-port 10Mbps Hub

ORDERING INFORMATION

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