



## Wireless Internet Gateway With Built-in Switch Ports and Print Server

This Broadband Router DI-713P enables you to share your DSL or Cable Internet connection with computers on your wired or wireless network, and allows wireless LAN users to share a single Internet Connection while providing the safety and security of port blocking, packet filtering, and a natural firewall. Static address support, integrated DHCP, PPPoE, and device name support will allow it to connect to nearly any broadband provider whether Cable or DSL based, and at the same time simplify local area network settings.

DI-713P provides two levels of security support. First, it masks local users' IP addresses from others on the Internet making it much more difficult for a hacker to target a machine on your network. Secondly it can block and redirect certain ports to limit the services that outside users

can access. Specific ports can be opened by the user to ensure that games and other Internet applications will run properly.

DI-713P provides special pass through support for common VPN implementations. Unlike proxy server or NAT software that requires the software server to remain visible on the Internet, no local computers are directly externally visible when using DI-713P.

Integrated DHCP services allow up to 252 users to get their IP address automatically on boot up from DI-713P router. Client machines require no software, simply set them to accept a dynamically assigned IP address and reboot. Each time they are powered up DI-713P will recognize them and set their IP address to instantly connect them to the LAN.

### Key Features

- *High speed for wireless LAN connection: 11Mbps data rate by incorporating Direct Sequence Spread Spectrum (DSSS)*
- *Provide seamless roaming within the IEEE 802.11b WLAN infrastructure.*
- *IEEE 802.11b compatible: allowing inter-operation among multiple vendors.*
- *Auto fallback: 11M, 5.5M, 2M, 1M data rate with auto fallback.*
- *64-bit and 128-bit WEP encryption.*
- *Provide 10BaseT WAN interface to connect with DSL or cable modem for broadband Internet access.*
- *Integrate with 3 ports Fast Ethernet switch: 10/100Mbps auto-sensing.*
- *Provide an asynchronous port for backup routes when the broadband modem fails or be disconnected.*
- *Built-in NAT function: allow multiple PCs and devices to share one Internet connection*
- *VPN support: PPTP/IPSec pass-through.*
- *Built-in firewall to protect your Intranet.*
- *Browser-based interface configuration and management: OS independent, easy-to-use for consumer install.*
- *Easy to upgrade: using Web, Windows Application, or FTP to upgrade new version of firmware.*
- *Built-in print server: dedicating a personal computer as print server is not needed.*

## Technical Specifications

### Port Characteristics:

- Wireless : High speed wireless LAN connection : IEEE802.11b DSSS
- WAN Port : RJ-45 x 1 ( 10Mbps, IEEE 802.3 10BaseT )
- WAN Port : RJ-45 x 1 ( 10Mbps, IEEE 802.3 10BaseT )
- Printer Port : Female DB-25 x1
- COM Port : RS-232 x 1 ( 230.4Kbps, male DB9 )

### NAT Router—Ethernet Interface

- IP Address : Static or Dynamic
- PPP over Ethernet : YES
- Max Users : 253

### NAT Router—Asynchronous Interface

- Dial-on-demand : YES
- Audio-disconnect : YES
- PAP/CHAP : YES
- PPP : YES
- Support ISDN TA : YES

### Routing

- Static Routing : YES

### Wireless

#### Standard

- IEEE 802.11b standard for Wireless LAN

#### Data Rate

- 11, 5.5, 2 and 1 Mbps per channel, Auto Fall-Back

#### Operating Frequency

- 2.4 – 2.4835 GHz, direct sequence spread spectrum

#### Range Coverage

- Per cell indoors approx. 35-100 meters
- Per cell outdoors up to 100-300 meters

#### Antenna

- Dual antenna diversity system 2dB gain

#### Number of Channels

- Most European countries: 13
- US and Canada: 11 (3 non-overlapping)
- Japan: 14

#### Security

- 64-bit and 128-bit WEP Encryption

### Configuring and Management

Configuring : Web-based Utilities

Management : Web-based Utilities

### Features

- DHCP Server : YES
- Print Server : YES
- VPN Support : PPTP/IPSec pass-through
- Upgrade Method : Web, FTP, or Windows Application
- Firewall Protection : Built-in NAT

### Box Includes:

- One DI-713P Wireless Gateway & Access Point plus Switch and printer server
- One Power Adapter
- Quick Install Guide
- Manual
- Print Server Software
- CAT-5 UTP Fast Ethernet patch Cables

## Ordering Information

<b>RDI-713P</b>	(For DUSA only)
<b>DI-713P/ANA</b>	(For N. America power code and frequency channel type)
<b>DI-713P/BEU</b>	(For UK power code and EU frequency channel type)
<b>DI-713P/EEU</b>	(For EU power code and EU frequency channel type)
<b>DI-713P/EFR</b>	(For EU power code and France frequency channel type)
<b>DI-713P/NEU</b>	(For Australia power code and EU frequency channel type)
<b>DI-713P/UNA</b>	(No AC power adapter, North America frequency channel type)