

DNA-A211 ADSL2+ Modem/Router with Wireless Four Ethernet + One Wi-Fi (802.11b/g)

The DNA-A211 is a 4 Ethernet plus 1 Wi-Fi Modem/Router typically designed for Small sized LANs, SOHO and residential customers, the DNA-A211 is an ADSL2+ Modem/Router, which combined the function of high-speed DSL modems, wireless access point and 4 ports Ethernet router. The DNA-A211 supports the latest ADSL2/2+ standards to provide higher performance (up to 24Mbps* downstream and 1Mbps* upstream) and longer reach from your Internet Service Provider's (ISP) Digital Subscriber Line Access Multiplexer (DSLAM). The DNA-A211 is also backward compatible with standard ADSL.

DNA-A211 can be used to create a wireless network to connect 802.11g/802.11b devices as well as a wired network to connect up to four 10/100 Ethernet devices. With enhanced security and firewall features the DNA-A211 is an ideal system for small sized LAN. IPTV and triple play services ready with Multicast, IGMP and QoS support.

Simple and easy to operate and establish connection to Internet, the DNA-A211 supports TR-067, compatibility with your Internet Service Provider's (ISP) infrastructure is ensured. This device also supports TR-069, which ensures remote management by your ISP to automatically update the firmware and other settings. Also support TR-64 LAN management protocol for Zero touch Broadband activation and customer care.

FEATURE HIGHLIGHTS

- Ideal for residential and SOHO (Small Office and Home office) and Small LANs
- Supports up to ADSL2/2+ speeds (Downstream: Up to 24Mbps*, Upstream: Up to 1Mbps*) for Triple Play applications
- Built-in Firewall capabilities include IP filtering, MAC filtering, Stateful Packet Inspection (SPI), Denial-Of-Service (DoS) and DMZ
- Supports VPN IPSEC/L2TP/PPTP pass through, ID Password authentication restricted IP and parental control
- Supports PPPoE (RFC 2516), Bridge/Routed (RFC 2684), PPPoA (RFC 2364), and Classical IPoA (RFC 2225 / RFC 1577)
- DHCP server and relay support for LAN IP address Management
- IP Multicast, IGMP v1/v2, TFTP, FTP, Telnet, and IPV6.
- Supports Virtual Server, Port Forwarding, and Port Mapping
- Supports Built-in NAT(RFC 1631) with ALGs
- Simple web based configuration/backup/upgrade and status
- Built-in diagnostics capability
- Supports SNMPv2, TR-069 (CPE WAN Management), and TR-064 (CPE LAN Management) standards
- Interoperable with leading ACS for TR-069

Note: "DNA-M211" is the Annex M version of the Modem.

SPECIFICATIONS

INTERFACES

User Side

- Four Fast Ethernet (RJ-45, 10/100BaseT) ports and IEEE 802.11b/g

Network Side

- One Standard ADSL2+ (RJ-11) port

SOFTWARE SPECIFICATIONS **

ATM

- ATM cell over ADSL, AAL5
- UBR,CBR, VBR-rt, VBR-nrt
- VPI range (0-255) and VCI range (32-65535)
- Supports up to 8 PVCs

QoS

- Packet Level QoS: IP/Bridge/802.1P bit marking (0~7) support.

Bridging

- RFC 2684 (RFC 1483) Bridged
- IEEE 802.1D Transparent Bridging
- LLC/SNAP & VC/MUX encapsulation
- IGMP snooping

Network protocols and features

- ICMP (Internet Control Message protocol)
- SNTP (Simple Network Time Protocol)
- DNS Relay, DDNS
- IEEE 802.1Q VLAN tag support

Routing

- RFC 2684 (RFC 1483) Routed
- IP static routing
- Routing Information Protocol (RIP v1/v2)

Wireless

- IEEE 802.11b/g Wi-Fi compliant
- WEP-Encryption : 64 bit or 128 bit WEP key
- WPA-PSK
- SSID, MAC address filtering

PPPoE

- PPP authentication using PAP, CHAP or MSCHAP
- Static IP support

Configuration and management

- Web-based GUI and Telnet management
- SNMP v2 and TR-069 remote management
- TR-064 LAN management

HARDWARE SPECIFICATIONS **

LEDs

- Power
- LAN (Ethernet)
- DSL
- Internet
- WLAN

Physical Dimensions

- (W x D x H) 185mm x 140mm x 45mm

Power

- Modem Input Voltage : 10VDC, 550mA
- Power Adaptor Range : 90V-300V, AC 50Hz
- Modem Power Consumption : <7.5 Watts

Splitter

- ADSL2+ CPE SPLITTER Supports 16KHz metering pulse
- K.21 compliance

Environmental

- Operating : 0°C ~ 45°C at 95% RH
- Storage : -20°C ~ +85°C, humidity : 5% ~ 95%

ADSL Standards:

- Full-rate ANSI T1.413 Issue 2
- ITU-T G.992.1 (G.dmt) Annex A
- ITU-T G.992.2 (G.lite) Annex A
- ITU-T G.992.3 (G.dmt.bis) Annex A/L/M
- ITU-T G.992.5 Annex A/M

Warranty

- 1 Year Limited-warranty ***

*Speeds may vary with the service offered by your ISP, line conditions and distance from the DSLAM.

** Product specifications, size, and shape are subject to change without notice, actual product appearance may differ than that depicted herein.

*** Warranty is limited and subject to conditions.