



TRIPLE
PLAY

ADSL 2/2+ Routers

Signamax ADSL routers are designed to provide a simple and cost-effective ADSL Internet connection for a private Ethernet network. The ADSL (Asymmetric Digital Subscriber Line) connection is made using ordinary telephone line. Signamax provide latest ADSL 2+ standards for high speed Internet access (up to 24Mbps for Downstream). With a built-in 4-Port switch (065-9088/065-9089), up to four computers or devices can simultaneously be connected and share Internet access.

Signamax offers the advanced security enhancements (IP/MAC Filter, Application Filter and URL Filter) to protect your network from unwanted intruders breaking into your system by malicious agents from outside of your network. Signamax brings you advanced features as VLAN support, QoS, Port Mapping and many others. Routers also provide full IGMP as well and that is why they are the best choice for Triple Play applications specially IPTV distributed via ADSL 2+ line.

You can configure Signamax ADSL routers not only via common html (Web Management) access but also you can use external easy setup utility software on CD, too. Signamax Router compliance to supported ADSL standards: ANSI T1.413 Issue 2, ITU-T G.992.1 (G.dmt), ITU-T G.992.2 (G.lite), ITU-T G.992.3 (G.dmt.bis/ADSL2), and ITU-T G.992.5 (ADSL2+) specification. Both Annex A (ADSL over POTS) and Annex B (ADSL over ISDN) are supported.



Model 065-9089

ADSL 2/2+ Routers

PART NO.	DESCRIPTION
065-9087	Signamax ADSL2/2+ Modem Router 1xLAN, AnnexB
065-9087A	Signamax ADSL2/2+ Modem Router 1xLAN, AnnexA
065-9088	Signamax ADSL2/2+ Modem Router 4xLAN, AnnexB
065-9088A	Signamax ADSL2/2+ Modem Router 4xLAN, AnnexA
065-9089	Signamax ADSL2/2+ WiFi Modem Router 4xLAN, 802.11b/g, AnnexB
065-9089A	Signamax ADSL2/2+ WiFi Modem Router 4xLAN, 802.11b/g, AnnexA
065-9085	ADSL Splitter, 3xRJ-11, AnnexB
065-9086	ADSL Splitter, 3xRJ-11, AnnexA

NETWORK CONNECTIVITY SYSTEMS

www.signamax.eu

SPECIFICATIONS

ADSL COMPLIANCE

- Full-rate ANSI T1.413 Issue 2
- ITU G.992.1 (G.dmt) Annex A and B
- Splitterless ITU G.992.2 (G.lite) specification
- ITU G.992.5 (ADSL2plus)
- ITU G.994.1 (G.hs), ITU G.992.3 (G.dmt.bis / ADSL2)
- Supports splitterless ADSL implementation
- Supports Dying Gasp

ATM SUBSYSTEM

- PPP over ATM (RFC 2364), Bridged IP over ATM (RFC 1483)
- PPP over Ethernet (RFC 2516), ATM Forum UNI 3.1/4.0 PVC
- Multiprotocol Encapsulation over AAL5 (RFC 2684)
- Supports up to 8 Virtual Channel Connections (VCCs)
- Supports UBR, CBR, and VBR service classes
- Support OAM F4/F5 look-back, AIS and RDI OAM cells

FEATURES

- IP Alias, User Datagram Protocol (UDP)
- Transmission Control Protocol (TCP)
- Internet Control Message Protocol (ICMP)
- Internet Group Management Protocol (IGMP)
- PPP over PAP (RFC1334), PPP over CHAP (RFC1994)
- MIB II support (RFC1213), NAT (Network Address Translation)
- Transparent bridging as specified in IEEE 802.1D
- Dynamic Host Configuration Protocol (DHCP)
- Dynamic DNS support
- Routing Information Protocol (RIP) v1 and v2
- Supports Virtual LAN (VLAN)
- Supports Quality of Service (QoS)

MANAGEMENT

- TFTP client and server
- FTP server and client, Universal Plug and Play (UPnP) support
- Web-based Graphical User Interface (GUI) enabling end-user device configuration via HTTP
- DHCP client and server
- Update of boot image or configuration data via TFTP/ FTP
- Syslog, Built-in Diagnostic Tools
- SNMP MIB support

ETHERNET INTERFACE

- IEEE 802.3, 10/100 Mbps
- Ethernet interface supporting up to 64 LAN hosts

VISUAL INDICATORS

- PWR – on when power on
- DSL LINK – on when ADSL is connected, flashing when attempting connection
- DSL ACT – on when transmitting/receiving data on the WAN
- LAN LINK – on when Physical Ethernet link is up