

STARMODEM

STARMODEM ADSL USB MODEM UM1040
 STARMODEM xB ADSL USB MODEM UM1140



Affordable

Low cost, high quality ADSL modem, ideal for home or small business use

Convenient

USB interface, no external power supply required

Easy

Plug & Play makes it easy and simple to install

OVERVIEW

StarModem is a highly integrated, low cost ADSL modem with an Universal Serial Bus (USB) interface. Using ADSL technology, StarModem provides transmission speeds of up to 8 Mbps in the downstream direction and up to 1Mbps in the upstream direction. The speed data transfer could be up to 140 times faster than a 56Kbps analog modem.

Users could talk with their telephone and surf the Internet at the same time, using the same ordinary telephone line; furthermore they can enjoy a new world of high bandwidth services and applications, from interactive gaming on line to video in streaming, from real time audio to stock trading.

For those who have an existing ISDN line, Aethra offer an annex B version of StarModem, the UM1140.

RAPID CONFIGURATION

There's no need for difficult set up: the USB port allows plug-and-play, so to make install procedure very simple and immediate. Always-on ADSL feature eliminates waiting time before initialising a new connection.

MULTI-MODE OPERATION

StarModem is an efficient multi-mode device, fully interoperable with major central office equipment vendors. It supports Microsoft® Windows® 98, Windows 98-SE, Windows ME, Windows 2000, Windows XP and Macintosh® OS operating system.

COMPACT

StarModem does not require any external supply adapter because it takes advantage of the USB power. With its compact size, StarModem is even smaller than analogue modems.

FEATURES AT A GLANCE

- USB port
- Full rate ADSL over POTS (StarModem)
- Full rate ADSL over ISDN (StarModem xB)
- Up to 8 Mbps in the downstream direction
- Up to 1Mbps in the upstream direction
- Compatible with Windows, Macintosh®



PHYSICAL INTERFACES

- ADSL port (RJ-11)
- USB port
- Telephone line

ADSL

- Full rate ADSL over POTS (Starmodem)
- Full rate ADSL over ISDN (Starmodem xB)
- Downstream data rate up to 8 Mbps
- Upstream data rate up to 1 Mbps
- ADSL: G.992.1 (G.dmt)
G992.2 (G.lite), ANSI T1.413 issue 2

ATM

- ATM: ITU T-I.361, ITU T-I.363.5,
ITU T-I.432, ITU T-I.610, ITU T-I.731

NETWORK SERVICES

- RFC2684 (former RFC1483) (Multiprotocol over ATM)
- RFC2364 (PPP over ATM), RFC2516 (PPP over Ethernet)
- LLC/SNAP or VC-Mux encapsulation

SOFTWARE DRIVERS

- Certified to use on the Microsoft[®] Windows 98/98SE, Windows Me, Windows 2000, Windows XP and MAC[®] operating system.
- WAN driver for PPP over ATM and PPP over Ethernet: StarModem behaves as a standard dial-up modem
- LAN driver RFC2684 (former RFC1483): StarModem behaves like a LAN card

ENVIRONMENTAL RANGE

- Operating temperature: 0° to 40°C (32° to 104°F)
- Non operating temperature: -35° to 70°C (-31° to 158°F)
- Operating humidity: 0 to 95% noncondensing

POWER

- USB powered

DIMENSIONS

- Starmodem
Length 84 mm
Width 120 mm
Height 25 mm

MODELS

- Starmodem UM1040 ADSL USB modem over POTS (annex A)
- Starmodem UM1140 ADSL USB modem over ISDN (annex B)

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