

NetPassage18A 1D (HotSpot)

WIRELESS HOTSPOT 54MBPS MULTIMEDIA WITH 2 USB PORTS



- ◆ **Hotspot with Various Security Configuration**
- ◆ **Hotspot with User, Account Level management**
- ◆ **Atheros chipset Technology**
- ◆ **Two Built-in USB2.0 Ports**

NetPassage18A-1D (Hotspot) is a Wireless-G Multimedia Router that supports data transmission up to 54Mbps using Atheros technology. With 2 built-in USB2.0 ports, NetPassage18A-1D allows hotspot administrators to utilize USB printer, USB Webcam or USB keyboard for a more effective management.

NetPassage18A-1D (Hotspot), as a wireless Access Point, turns commercial venues into a Hotspot. Outlets can choose to offer free or fee-based Internet access, thus creating another source of revenue for the customers. It provides secure and easy management to take full control of the device and provide convenience and flexible usage with Hi-speed technology to every user for the hotspot area.

Hotspot Account and User Control

- Hotspot Authentication includes either Account Log In or by User agreement.
- Account control provides a better control to every account type, which includes Account Setup, Account List, Account Export and Import.
- User usage customization, enable a better identification and control for the hotspot provider to the user of the hotspot.
- With "Welcome Webpage customization" and "Redirection of Homepage" features, hotspot providers can promote the image of the provider to the customer.

Hotspot Peripherals

- With two USB2.0 ports can simultaneously support a variety of USB devices such as printers and keypads for Hotspot Point-of-Sales applications.
- Remove the requirement to install the device to the PC.
- Remove the requirement of the software for these peripherals.
- Remove the requirement of billing software that will highly increase the cost.

Walled Garden

- The *walled garden* allowed accessing WebPages without authorization. This feature enables customers to go to certain customized webpages without the need to login.

Ordering Configurations*

CODES	DESCRIPTION
NP18A-1D	NetPassage NP18A-1D (Hotspot)

* Configurations are subjected to change without notice

NETPASSAGE 18A-1D

TECHNICAL SPECIFICATIONS

WIRELESS OPERATING MODE

- Access Point

SPEED

Wireless-G with 54 Mbps

MAIN FUNCTIONS

- Hotspot Authentication
- Hotspot Security feature
- Hotspot management
- Account management
- Device management
- uPnP Configuration
- Static Add Translation
- DNS Redirect, DDNs
- Port Forwarding
- Parallel Broadband

WAN PORT COMPATIBLE DEVICE

ADSL modem with a build-in Ethernet port
Cable modem with a build-in Ethernet port

NETWORK INTERFACE

WAN: 1* RJ45 10/100Mbps
LAN: 4* RJ45 10/100Mbps (Auto MDI/MDI-X)
USB: 2* USB ports

DEVICE MANAGEMENT

- HTTP / HTTPS Web Server

MODULATION TECHNIQUES

DSSS, CCK, OFDM

RECEIVER SENSITIVITY

Up to -92dBm

OPERATING CHANNELS

US and Canada	11 Channels
Europe	13 Channels
Japan	14 Channels

WIRELESS TRANSMIT POWER

IEEE 802.11a*	20 dBm (+1.0dBm/ -1.5dBm)
IEEE 802.11g	20 dBm (+1.0dBm/ -1.5dBm)
IEEE 802.11b	20 dBm (+1.0dBm/ -1.5dBm)

* With optional 802.11a miniPCI card, 802.11a 2dBi antenna. For more details, please contact sales.

SECURITY

- 64/128-bit WEP
- WPA-PSK, WPA2-PSK
- IEEE 802.1X

ANTENNA TYPE

2 x 2dBi Detachable 2.4GHz (B/G) SMA Antenna*

LED INDICATORS

Power, WAN Port Status - link, activity
LAN Port Status - link, activity
WLAN Connection Status - link, activity
Diagnostic

POWER REQUIREMENTS

Input Voltage: 5 VDC, 3 A (MAX)

CERTIFICATIONS

CE	EN55022, EN61000-3-2, EN61000-3-3, EN55024, EN60950-1
FCC	Part 15, Subpart B Class B Digital Device

USB DEVICE SUPPORTED

- USB Printer
- USB Webcam**
- USB External Hard Disk. Flash Disk ***

TEMPERATURE

Operating 0°C to 55°C
Storage -30°C to 80°C

HUMIDITY

Operating 10% to 80% (non-condensing)
Storage 5% to 90% (non-condensing)

DIMENSIONS & WEIGHT

Dimensions	170mm x 160mm x 31mm
Weight	260 grams

** Refer to Supported WebCam List

*** Support FAT32 format only

HOTSPOT FEATURES

• Hotspot Authentication	Configure the Hotspot function (Disabled, Account Login or User Agreement).
• Walled Garden	Creating the list of address that allows users to use.
• Keypad/Printer Operation	To manage the operation of Keypad and Printer that connect to the device..
• User Information	Allow configuration on how information being show to the user.
• Radius Configuration	Give the overview of radius server configured in the router.
• Account Management	Manage user account level.
• Wireless Multimedia(WMM)	Based on the Best Effort, Background, Video and Voice Priority.

DEVICE FEATURES

• Management	Routing, NAT, HTTP Web-Management and Parallel Broadband.
• Configuration	Static Address Translation, DNS Redirection and Dynamic DNS Setup and uPnP Configuration.
• Firewall & Packet Filtering	Firewall Configuration, Packet and multicast Filtering, Denial Service Configuration and Packet inspection.
• Mini PCI	Support up to 2 miniPCI (optional: IEEE802.11a/5GHz miniPCI card).
• USB Support	USB 2.0 Ports allows easy connection to a variety of USB devices.
• Extended Range	SMA connector for easy connection to external range extenders.

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