

## **NEXPEED SDSL MODEM NM220S**



The NEXPEED NM220S bridge/modem is a CPE(customer premise equipment) for a single PC or multiple PC's It can be used with multi-port hub or switch to form LAN that utilizes existing single pair copper wire to enable the symmetrical DSL data communication services for the corporate or home. It is very cost-effective and provides high-speed services to SOHO and home users.

**Our NM220S, cost-effective modem with Copper Mountain compatible is technically equivalent to CopperRocket 201 and Xpeed X320**

NEXPEED NM220S provides;

- 1 SDSL serial port and 1 Ethernet 10/100Base-T (MDI / MDI-X) interface port
- SDSL interface with symmetric data rates of up to 2.3Mbps

NEXPEED NM220S interoperates with NexComm's access concentrator and DSLAM product series as well as world's leading SDSL vendors' DSLAM to provide complete SDSL solutions for Internet Service Providers and Network Service Providers(CLECs and ILECs)

### **Maximum Access Flexibility**

With SDSL interface, NEXPEED NM220S can support broadband Internet services of data rates from 144Kbps to 2.3Mbps on a single copper pair. The NM220S adaptive and multi-rate SDSL provides you flexibility to set and allocate desired bandwidth for given LAN environments.

### **Bridging**

With bridging function NEXPEED NM220S provides one of the economical solution for the Internet connection and the corporate LAN.

### **Easy Installation and Management**

#### **> Automatic Bandwidth Setup**

Nexpeed modem series implements the automatic bandwidth setup procedure. The line rate is determined according to the rate of COE(central office equipment).

#### **> Remote S/W upgrade**

NEXPEED NM220S modem is also equipped with a NMP (NexComm Management Protocol) agent for the remote software upgrade. The firmware of NEXPEED NM220S can be updated by Windows based EMS with the PC connected to Ethernet LAN.

#### **> At-a-Glance LED Diagnostics**

NEXPEED NM220S modem also includes 6 diagnostic LEDs for an at-a-glance trouble shooting. They monitor each port's activity and help pinpointing network problems.

# NEXPEED NM220S Specifications

## POWER REQUIREMENT

External Power Supply module

Input; AC 85 ~ 265V (free voltage), 45 to 65Hz

Output; DC +5V, 2A

## MECHANICAL

Physical Dimensions 159mm(W) x 142mm(D) x 29mm(H)

Weight 0.6Kg

## ENVIRONMENT

Operating Temp. 0° to 50°C

Storage Temp. -20°C to 70°C

Humidity 5%~95%, non-condensing

## PROTOCOLS

Bridging Trasparent MAC Bridging  
1483 FUNI Encapsulation (Copper-Compatible)

## INTERFACES

WAN One SDSL (RJ-11 Jack)

LAN One 10/100 Base-T (RJ-45 Jack)  
MDI / MDI-X

## DATA RATE

From 144Kbps to 2.3Mbps

## MANAGMENT

NMP Agent(NexComm Management Protocol)

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NexComm Systems reserves the right to change specifications without prior notice. You may verify product specifications by contacting any of our offices.

## DIAGNOSTIC LEDS

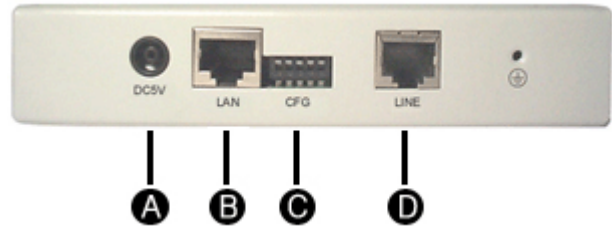
Power On/Off

WAN LINK Status

LAN LINK Status

ACT Activity

## BACK PANNEL



(a) : Power connector

(b) : LAN RJ-45 Jack

(c) : Dip switch for DSL configuration

(d) : WAN RJ-11 Jack

## Quality Management

NexComm Systems, Inc has been certified ISO9001 from European Quality Assurance Ltd. authorized agent of International Standard Organization(ISO)9001 Quality Management Standard

## Interoperability

NEXPEED NM220S modem is interoperable with major DSLAM vendors. Please contact your authorized resellers for the latest interoperability information.

## Warranty

NexComm Systems, Inc. warranties NEXPEED product family to be free from defects in workmanship and materials, under normal use and service, for a period of one year from the date of purchase for NexComm Systems Inc. or its Authorized Resellers.

