

MovingMedia® 6000 CPE

NS1030S EXTERNAL TD-CDMA MODEM

ENABLE BROADBAND WIRELESS CONNECTIVITY IN UMTS TDD NETWORKS



- UMTS TDD STANDARDS-BASED
- USB INTERFACE
- INTEGRAL USIM CARDHOLDER
- HIGH AVAILABILITY
- COMPACT DESIGN FOR PORTABILITY AND MOBILITY
- COST EFFECTIVE
- HIGH BANDWIDTH

The MovingMedia® 6000 NS1030S external modem gives residential and business users true wireless broadband access to Internet services through a TD-CDMA link to the core 3GPP network. To ensure simple set-up, the NS1030S uses a USB interface for connection to a PC or game system. Its compact size ensures easy portability at home, in the office or on the road.

For operators using public fixed wireless access (PFWA) networks to cover the last mile, the NS1030S is compliant with the 3GPP UMTS TDD (TD-CDMA) standard. Its integral USIM cardholder enables use of USIM authentication.

The air interface for TD-CDMA networks is provided by a TD-CDMA PCMCIA card that can be inserted into the NS1030S external modem. The operating frequency and the data rates are determined by the PCMCIA card.

KEY FEATURES AND BENEFITS

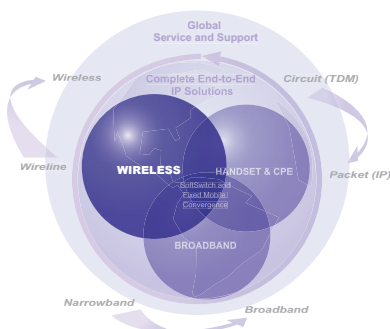
Mobility: The NS1030S ensures seamless mobility through capabilities such as initial cell selection, cell reselection and handover as well as roaming capabilities.

Security: To create secure connections, the NS1030S supports both username/password and USIM access authentication via the TD-CDMA air interface.

Speed: The TD-CDMA interface delivers a downstream data rate of up to 1.2Mbps. The USB 1.1 interface provides line speed to the attached device.

Availability: UTStarcom MovingMedia 6000 solutions can be deployed in either 5MHz or 10MHz spectrum in the 3400-3600Mhz licensed frequency band.

Standards-Based: Compliance with UMTS TDD standards specifications ensures interoperability with other standards-based elements of the 3GPP network. This ensures investment protection and backwards compatibility while ensuring seamless enhancements for the future.



Technical Specifications



FREQUENCY

- 3400-3600 MHz

OUTPUT POWER

- +24 dBm (+1 dB/-3 dB) maximum output power

AWGN RECEIVE SENSITIVITY

- -110 dBm (± 2 dB) / code for 7.68 Mcps
- -113 dBm (± 2 dB) / code for 3.84

ENVIRONMENTAL

- Temperature Range
 - Normal operation: 5-40°C
 - Extreme operation: 0-55°C with degraded performance near the upper and lower limits
- Relative Humidity
 - Operating: 0-95% (non-condensing)

MCPS PHYSICAL CHARACTERISTICS

- Size (W x L x H): 85mm x 130mm x 25mm
- 1 USB 1.1 port
- 1 standard PCMCIA slot for TD-CDMA PCMCIA card

CERTIFICATIONS

- FCC
- CE
- Complies with EN60950 (electrical safety)
- Complies with ITU K.21 (surge and lightning)

ACCESSORIES

- AC/DC adapter
- One USB cable (2 m)

POWER REQUIREMENTS

- AC Adapter: 12 V; 100-240V AC, 50/60 Hz

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About UTStarcom, Inc.

UTStarcom is a global leader in IP-based, end-to-end networking solutions and international service and support. The company sells its broadband, wireless, and handset solutions to operators in both emerging and established telecommunications markets around the world. UTStarcom enables its customers to rapidly deploy revenue-generating access services using their existing infrastructure, while providing a migration path to cost-efficient, end-to-end IP networks. Founded in 1991 and headquartered in Alameda, California, the company has research and design operations in the United States, China, Korea and India. UTStarcom is a FORTUNE 1000 company. For more information about UTStarcom, visit the company's Web site at www.utstar.com

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