

EDGE USB MODEM

ONDA N101E



- **GSM 900/DCS 1800/PCS 1900 Tri-BAND OPERATION FREQUENCIES**
- **CAPABLE OF WIRELESS DATA SPEEDS UP TO 216 KBPS**
- **FIELD FIRMWARE UPGRADEABLE**
- **SEND/RECEIVE SMS MESSAGES OR VOICE CALLS**
- **SIM CARD FUNCTIONALITY**

— **GSM 900/DCS 1800/PCS 1900 OPERATION FREQUENCIES**

The USB MODEM is a tri-band wide area wireless modem supporting the GSM 900 /DCS 1800 /PCS 1900 used by EDGE and GSM/GPRS networks. Users can enjoy the freedom to have access to critical information wherever they are located on both EDGE and GSM/GPRS networks.

— **HIGH-SPEED PERFORMANCE**

At data rates up to three times the speed of GPRS, the USB MODEM provides users with ease of use to transfer large files, download graphic heavy information, and receive large amounts of data quickly, to stay connected during their busy day. With the USB MODEM, users can stay connected on EDGE networks at average speeds between 100-130 kbps, supporting speeds up to 216 kbps.

— **SIMPLE INSTALLATION AND USE**

The easy-to-use software helps you install, configure and manage your MODEM easily

— **ONDA INNOVATIONS ADVANCE THE MODEM FAMILY**

The proven technology of the ONDA modem family has established the leadership of ONDA MODEM in designing breakthrough wireless connectivity products. ONDA is your source for wireless data.

Go Wireless. Get connected with the ONDA USB MODEM.

**USB MODEM Tri-BAND WIRELESS MODEM FOR EDGE AND GSM/GPRS
TECHNICAL SPECIFICATIONS**

➤ **USB MODEM:**

USB 1.1/USB 2.0
EDGE MS Class 12 (up to 4 Tx, 4 Rx, 5
total) External antenna
Field Firmware Upgradeable

➤ **OPERATING SYSTEMS SUPPORT:**

Windows® 98SE, NT 4.0 SP 6a, 2000, Me, XP,

➤ **MODEM STATUS INDICATOR:**

Power Indicator
Network Indicator
Error Indicator (failed to detect SIM card or failed to connect network)

➤ **ADDITIONAL CONNECTIVITY SUPPORT:**

EDGE, GPRS, and GSM Circuit Switched
Data Support for Multiple APNs
Support 1.8V and 3V SIM Card
Dial-up networking
SMS (send and receive)
Voice support

➤ **Tri-BAND EDGE/GPRS:**

GSM 900 MHz band

Transmit, Receive: 880-915MHz, 925-960MHz
Output Power: 500 mW (+27 dBm) /2W (+33 dBm)

DCS 1800 MHz band

Transmit, Receive: 1710-1785MHz, 1805-1880MHz
Output Power: 400 mW (+26 dBm) /1000 mW (+30 dBm)

PCS 1900 MHz band

Transmit, Receive: 1850-1910MHz, 1930-1990MHz
Output Power: 400 mW (+26 dBm) /1000 mW (+30 dBm)

➤ **APPROVALS:**

Compliant with GSM Release 99

➤ **ENVIRONMENTAL:**

Operating Temperature: -20 to
+55° C Storage Temperature: -30
to +70° C

Vibration (non-operating):

Vibration frequency: (1)5~20Hz; (2)20~500Hz

Vibration acceleration: (1) $0.96\text{m}^2/\text{s}^3$; (2) $0.96\text{m}^2/\text{s}^3$ -3dB times frequencies

Humidity: 3+/-3RH (non-condensing) (about parameter of phone)

➤ **SYSTEM REQUIREMENTS:**

USB Ports

Memory: 32 MB

Disk Space: 10

MB

Disk Drive: CD ROM (Installation only)

➤ **USB MODEM SOFTWARE:**

USB MODEM MANAGER for PC

FOR MORE INFORMATION

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