

DUXBURY

The **DUXBURY USB EDGE Modems** are versatile and easy-to-use GSM devices that provide excellent usability. Integrated into devices or application systems, they create new opportunities to manage resources more efficiently.

They are the latest step towards true wireless intelligence. The modems support EDGE technology, ("Enhanced Data Rates for GSM Evolution") and allow higher speeds for downloads and streaming of data-intensive multimedia files, exchange of email attachments and fast internet or intranet access.

Thanks to EDGE, users can easily conduct their business activities on the Internet or on the company intranet using their laptop PC - in fact, this can be done three times faster than when using GPRS.



Manufactured and distributed by:

DUXBURY
Networking

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Networking

SERIAL EDGE MODEM

- Quad-Band GSM 850/900/1800/1900 M
- EDGE (E-GPRS) Multislot class 10
- GPRS Multislot class 12
- GSM release 99
- Output power:
 - i. class 4 (2 W) for EGSM850
 - ii. class 4 (2 W) for EGSM900
 - iii. class 1 (1 W) for GSM1800
 - iv. class 1 (1 W) for GSM1900
- AT commands Hayes GSM 07.05 and GSM 07.07
- AT commands for RIL compatibility (RIL/NDIS)
- TCP/IP stack access via AT commands
- SIM application toolkit (SAT Release 99)
- Ambient temperature:
 - i. 30 °C + 65 °C
- Auto switch-off at +75 °C

Drivers

- NDIS/RIL software for Microsoft® Windows® Mobile™ based devices

Specification for fax:

- Group 3, class 1

Specifications for data EDGE (E-GPRS):

- Multislot class 10
- Modulation and coding scheme MCS 1 9
- Mobile station class B

Specifications for data (GPRS):

- Multislot class 12
- Full PBCCH support
- Mobile station class B
- Coding scheme 1 4

Specifications for SMS:

- Via GSM or GPRS
- Point-to-point MO and MT
- Text and PDU mode
- SMS cell broadcast

Specifications for voice:

- Half rate (HR)
- Full rate (FR)
- Enhanced full rate (EFR)
- Adaptive multi rate (AMR)
- Basic handsfree operation:
 - i. Echo cancellation
 - ii. Noise reduction

Approvals:

- Local approvals and network operator certifications