



isdn

Terminal Adapters (TA)



Terminal Adapters 128K ISDN Terminal Adapter (TA)

The DMI-128ESU is a communication product for internet and digital communication era. It provides high speed and high quality transmission. It supports 2 analog and one digital port. The 2 analog ports act like 2 regular telephone lines which can be connected to regular telephones, answering machine, fax and modem products. The digital port with RS 232 link can be connected to PC to support data communication with remote site.

Features:

- Support MLPPP to utilize the full 128k ISDN capacity
- Support BACP/BOD for dynamic bandwidth demand
- Upto 230.4k DTE speed
- Selectable terminating resistance (100 Ohm) inside battery pack
- One standard RJ45 modular jack for S/T interface to NT1
- Two analog ports with RJ11 modular jack
- One RS2323 data port with DB9-Sub male connector
- One USB-port for Win98 SE, WinME, Win 2000, Win XP

- LED indication
- Battery backup facility
- Inner Communication
- Receive Priority, Call Screen, Speed Dialing function
- ITU-T V.110, V.120, X.75, X.25 on D protocol
- Channel bundling function
- Switching type selection
- Hardware CTS/RTS, Software Xon/Xoff Flow Control
- Network supplementary service
- Local supplementary service
- Easy setup from telephone keypad
- Supports OS Win 98 SE, WinME, Win 2000, Win NT, Linux, Win XP

Rate- 2B + D Basic Rate (BR)

Type- External

- S/T interface- ITU-T I.430 S/T- interface
- 4-wire
- 1xS/T- interface port
- AMI line coding
- RJ45 modular jack
- Terminating resistance selectable for 100 ohms or none

Connection (to NT1)

- point-to-point
- point-to-multipoint

Analog port

- 2xanalog ports
- RJ11 modular jack

- ITU-T G.711 a-law
- DTMF dialing

Data Port

1xData Port

- Auto- baud detection
- DTE speed : (1.2/2.4/4.8/9.6/19.2/38.4/57.6/115.2/230.4 K Bps)

Communication speed

- Sync : 64/128 Kbps
- Async : 1.2/2.4/4.8/9.6/19.2/38.4/57.6/115.2/230.4 Kbps
- Hardware RTS/CTS flow control
- Software Xon/Xoff flow control

Protocol

- V.110
- V.120
- PPP 64K
- ML-PPP 128K
- X.75
- X.25 on D
- Soft-Fax
- Channel bundling
- BACP/BOD

Switching

- Euro ISDN (EDSS1)

Supplementary service :

- Inner Communication
- Network Supplementary Services

- Network call waiting
- Network call transfer
- Network 3-party conference
- Network call forwarding
- Local supplementary service
- Local call waiting
- Local call transfer
- Local 3-party conference
- Local call forwarding

Maintenance

- Power on self-diagnostic
- Flash EPROM for software upgrade
- Flash EPROM for software upgrade
- Minimum operation mode
- Factory default setting
- User profile saving in non-volatile memory
- Auto battery backup

Power

- 230VAC, 50-60 Hz, O/P DC7V, 1A, (+center) or 6 x AA Battery (Alkaline)

Model

- DMI-128ESU