

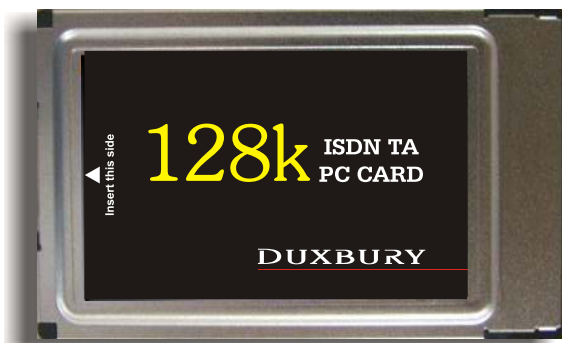
# DUXBURY ISDN PCMCIA 128K TA

## DESCRIPTION

The Duxbury PCMCIA IV128 ISDN TA + 56K Fax Modem + ISDN Phone PC Card is the only multifunction PC Card in the world, which offers seamless connection between Digital ISDN Line and analogue telephone line (PSTN) within one single PC Card. Its unique "switchable" feature adds both speed and convenience to your travelling requirements no matter where you are in the world.

Duxbury Iv128's peerless switchable technology integrates both ISDN TA and today's fastest 56K Fax Modem technologies together. The users can switch to digital ISDN connections or analogue PSTN connections simply by plugging in the provided network connection cables without any pain. Moreover you don't need the hassle of buying two PC Cards, but you still enjoy two functions. It definitely protects your investment and meets your future needs.

In addition to its unique switchable functionality, the Duxbury Iv128 also features ISDN Phone capabilities. Normally, most of the ISDN TA PC Cards on the market today function 1 or 2 B-channel for data transferring only; however, with Duxbury IV128, you can still take pleasure from the high speed digital data transferring, and also enjoy the fun and excitement of voice communications as well.



Manufactured and distributed by:

**DUXBURY**  
Networking

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## Features

- ISDN line or analogue telephone line (PSTN) connection switchable.
- > Provide 56K Modem or G.3 Fax connections over Analogue telephone line or ISDN B-channel.
- > Features built in microphone/speaker phone interface for ISDN phone applications
- > Provides options for ISDN S/T or U-interface
- > Assure universal ISDN protocol compatibility
  - D-channel: DSSI (Euro-ISDN), N1-1, Net 64
  - B-channel: X.75, V.120, V.110, PPP/MP, Async-to-Sync Conversion
- Comply with most of the ISDN software standards
- > Microsoft Plug and Play compatible
- > Menu-driven configuration utility included

## Specifications

### FAX

- > G3, send and receive
- > EIA Class 1 Fax command set

### Modem V.90

- > K56Flex (56Kbps), V.34+ (33.6Kbps), V.34 (28.8Kbps), V.32bis (14.4Kbps)
- > V.42/V.42bis, MNP Class 2 to 5 error correction and data compression

### ISDN

#### Standards

- > Basic Rate Access (2B+D)
- > U-interface: complies with ANSI T1.601
- > S/T-interface: complies with ITU-T 1.430
- > Protocol: ITU-T Q.921, Q.931, and ETSI NET3

#### Line Rate

- > 64/56Kbps on 1 B-channel (ISDN data mode)
- > 128/112Kbps on 2 B-channel (modem mode)
- > 16Kbps on D-channel for signalling

#### DTE Rate

- > Asynchronous up to 460.8Kbps (COM Port Emulation mode)

#### ISDN Network & Switch compatibility

- > National ISDN-I (NI-I)
- > AT&T 5ESS Custom
- > Northern Telecom DMS-100 Custom
- > INS-Net 64

#### B-Channel Protocols

- > X.75
- > V.120
- > V.110
- > PPP and Multilink Protocol
- > Async-to-Sync PPP Conversion
- > 56K modem over B-channel
- > G.3 Fax over B-channel
- > Voice over B-channel

#### Application Program Interfaces

- > ISDN AT Command Set
- > WinISDN
- > CAPI 2.0
- > NDIS WAN
- > NAF ISDN PCI

#### Operating System Support

- > Windows 95 and OSR2
- > Windows NT 4.0