

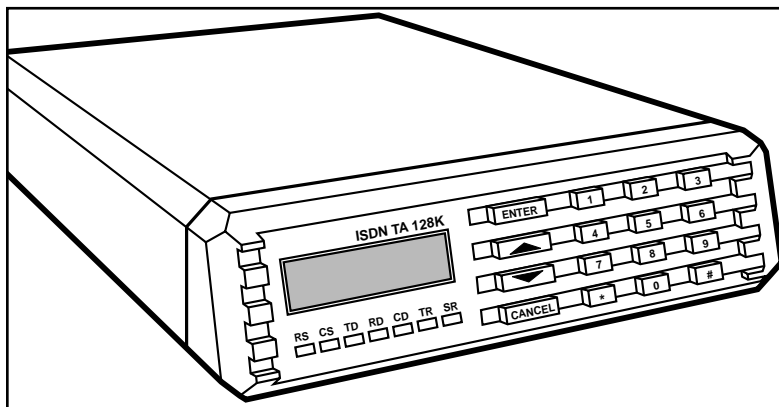
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Black Box Corporation.

BLACK BOX[®]

NETWORK SERVICES

Black Box Corporation • 1000 Park Drive • Lawrence, PA 15055-1018 • Tech Support: 724-746-5500 • www.blackbox.com • e-mail: info@blackbox.com

ISDN TERMINAL ADAPTER 128K



*Your key to achieving
maximum data throughput.*

Key Features

- ▶ **Optimal for high-speed applications such as LAN bridging or routing.**
- ▶ **Turns the two B channels of your ISDN line into a high-speed 128-kbps data pipeline.**

You can use the ISDN Terminal Adapter 128K to connect Digital Terminal Equipment (DTE) to the ISDN network or to a leased digital network to transmit data.

It provides up to 128 kbps of dialed bandwidth; this allows high-speed links over an economic ISDN line. The integral NT1 saves you the cost of an additional NT1 and makes the unit self-contained. You can connect it to a

variety of DTE equipment using the V.35, EIA 530, and RS-232 DTE interfaces.

With the manual, automatic, and stored dialing capability, you can dial from the front panel or use AT or V.25 bis commands.

Also, the U-interface protects the terminal adapter from lightning spikes.

You can dial from the ISDN Terminal Adapter 128K in a number of ways:

- Manually from the keypad on the front panel.
- Automatically from up to ten stored numbers.
- Dialing over the DTE interface using the AT command set.
- V.25 bis in-band dialing.
- Dialing while DTR is enabled.

The ISDN Terminal Adapter 128K comes with one RJ-45 to RJ-45 cable and a user's manual.

Specifications

Speed (Maximum):

Async: 115.2 kbps;
Sync: 128 kbps

Standards: ITU: V.120, T-Link;
Northern Telecom[®]: DMS-100;
AT&T[®]: 5ESS central office switches

Protocol: Bonding mode 1, clear channel, T-Link, V.120, PPP;
DTE: Async and sync;
BRI: 2B1Q

Interface: RS-232 female (DCE):

Async or sync;
RS-366 female;
RS-530 F (DCE);
V.35 female (DCE)

Connectors: (2) DB25 female,
(2) RJ-45, (1) M/34 female

Power: 115 VAC, 60 Hz, 8 watts

Size: 2.3"H x 8.8"W x 11"D (5.8 x 22.4 x 27.9 cm)

Weight: 3 lb. (1.4 kg)

Ordering Information

ITEM

CODE

ISDN Terminal Adapter 128K.....IS280A-R2

You might also need cable...

RS-232 Cable, 25-Conductor, 10-ft. (3-m),

Male/Male.....ECM25C-0010-MM

V.35 Interface Cable, 10-ft. (3-m),

Male/MaleEYN450-0010-MM

For other cable lengths or genders, call Tech Support.