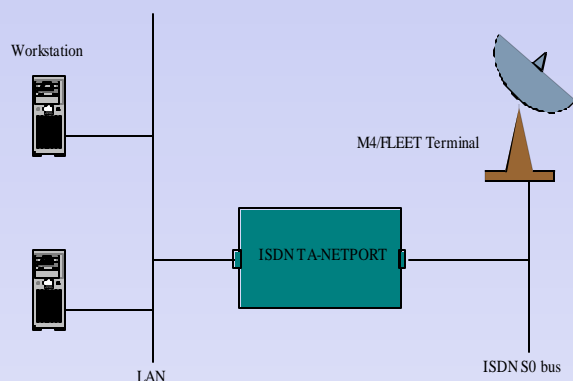# RAMSAT ISDN TA -NETPORT

ISDN Terminal Adapter for use with terrestrial ISDN lines or with M4 and FLEET family terminals supporting ISDN interface (S0) for satellite link based applications. Serial interface via portserver and virtual portclient installed to the PC making data link multiaccessible via standard Ethernet cabling transparent to user.

Workstation

M4/FLEET Terminal

ISDN TA-NETPORT

LAN

ISDN S0 bus

Description:

ISDN TA-Netport is basically a standard ISDN Terminal Adapter but has serial interface replaced by ethernet interface as serial communication is made by a TCP/IP link between PC and builtin portserver.

Special designed to withstand the harsh environment often found onboard in maritime installations. This design adds to the RAMSAT family of reliable interface products for efficient datatransfer when used with mobile satellite stations (SES/MES).

Features:

? ? **External adapter for easy service or replacement if needed.**

? ? **Easy installation into SW applications as a virtual serial interface device.**

? ? **Asynchronous AT command control mode via virtual serial port.**

? ? **Efficient transfer protocols for very high and stable performance.**

? ? **Physical small and a very robust design made for maritime environment.**

? ? **Very low power consumption which makes it a very reliable product.**

Applications

Point to point datatransfer in any terrestrial or satellite network based on ISDN technology.

Remote service into network or similar applications

RAMSAT

Type ISDN TA-NETPORT

Specifications:

Asynchronous Char Format:

      10bit words: 1 start bit, 8 data bits , No parity, 1 stop bit (8N1)

Asynchronous Rate Setting:

      115200b/s fixed with serial port client installed to PC. HW handshake.

Network:

      ETHERNET input and DSS1 (EURO ISDN) S0 output.

Transfer Protocols:

      Asynchronous PPP , Transparent HDLC ,

      X75 with error correction, V120 with error corrction,

      X25 Packet switched data by B channel, RAMSAT HASC Transfer Protocol,

LED Indicator:

      Power On, DTR, DCD, TX Data, RX Data.

Connectors:

      LAN based Portserver : RJ45, ISDN: RJ45, Power

Dimensions: **H x W x D:**   **25 x 115 x 85mm (1" x 3.3" x 3,3")**

Weight: **0.16Kg.**   **(0.35lb)**

Accessories Included:

      Mains adapter 220v/9V, 2 x 1 mtr standard CAT5 RJ45 cable

      Manual, Windows modem configuration file.

EOTECH ApS

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