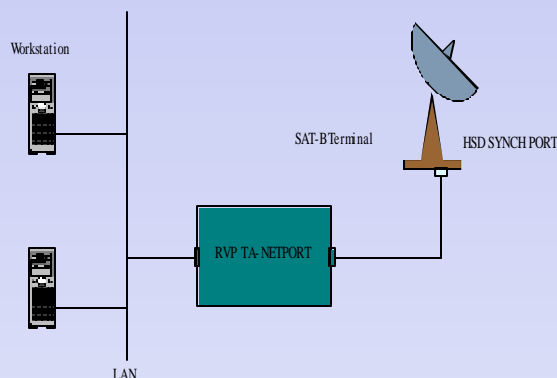# RAMSAT RVP -NETPORT

Asynchronous Terminal Adapter with synchronous interface to SAT-B terminals supporting High Speed DATA (HSD) for 56/64kbit satellite link based applications. Serial interface established via Ethernet portserver and virtual COM portclient installed to the PC making data link multi accessible via standard Ethernet cabling, but transparent to user.

Description:

RVP-Netport is basically a standard HSD asynchronous Terminal Adapter but physical serial interface is replaced by virtual COM port established via ethernet interface. Serial communication is made via a TCP/IP link between PC portclient and embedded portserver making a virtual COM port available to applications. Very robust design 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 standard 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 on satellite network based on 56/64 kbit technology.

Remote service into network or similar data applications onboard

Can be used with any SES/MES with High Speed Data synchronous interface.

RAMSAT

Type RVP-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 serial input and synchronous 56/64kbit HSD port output.

RS232 or RS530 selectable

Transfer Protocols:

Asynchronous PPP , Transparent HDLC, RAMSAT HASC Transfer Protocol,

LED Indicator:

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

Connectors:

LAN interfaced Portserver : RJ45, HSD : DB25 male, 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, 1 mtr standard CAT5 cable, DB25/DB25 HSD Cable

Manual, Windows modem configuration file.

EOTECH ApS

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