



## Data Communication

# SNT06/1

## Isdn modem

digicom's SNT06/1, pure **ISDN modem**, offers the connectivity on ISDN network in order to transmit data from any data processor or personal computer with serial interface in synchronous or asynchronous mode. **It seems a modem** with one serial port in V24/V28 and V35; the same design and the same features are available in PC card version SNT13 and in a PCMCIA standard format called CCI05.

By using together SNT06 and CCI05 or any other digicom's ISDN product it is possible to exploit **V120 protocol** which, together with **V42bis data compression**, allows to increase the performances of a single communication channel B up to speeds of 115,2 Kbit per second (about 11500 ASCII characters transmitted in one second). In fact not everybody knows that with V110 protocol (which is implemented too) it is possible to communicate in asynchronous mode on ISDN up to a speed of 38400 bps. This is limitative if compared to the real ISDN potentiality which is used at 64 Kbit and whose cost does not depend on speed.

In case of your access server is PPP/SLIP based, you can use the integrated **PPP support** on SNT06; this is normally used in **Internet/Intranet** or private IP network with Cisco or compatible router and SNT06, like all digicom ISDN products, is ready to communicate in this environment.

SNT06 is used as a modem, it supports **AT command**, it is easy to install and it doesn't need any particular software on ISDN network. SNT06 has an internal telephone book and it manages **security** procedures with caller identification through support to **Call ID** functions which are offered by ISDN network.

### TECHNICAL FEATURES

- Euro ISDN compatible: NET 3 BRI.
- PPP internal support
- Rate Adaption: V110, V120.
- V.42bis data compression.
- AT and V25bis commands in synchronous mode HDLC and asynchronous.
- Autospeed up to 115.2 Kbit/s.
- Synchronous working up to 64 Kbit per channel.
- Asynchronous working up to 115.2 Kbit per channel.
- 20 numbers phone book usable in AT compatible and V25bis mode.
- Security function with caller identification (Caller ID support).
- Compatible with most popular communication programs.
- Used as an Hayes compatible modem.
- Multinumber ISDN network service.
- Sub-addressing ISDN network service (SUB).
- Caller identity ISDN network service (CLIP).
- Line interface on RJ45 connector for S/T bus.
- V24/V28 and V35 serial interface.
- 220 V power supply 50Hz.
- Consumption: 10W.
- Temperature: from -5 to 45°C.
- Maximum humidity 90% non condensing.
- Standalone version dimensions: 190 x 147 x 45 mm.
- Rackmount version dimensions: for 4 units rack high and 19" width.
- Standalone version weight: 150 gr.

PRODOTTO	CODICE	DESCRIZIONE
SNT06/1	8D5372	ISDN modem V24/V35 PPP/V110/V120/V42bis



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