

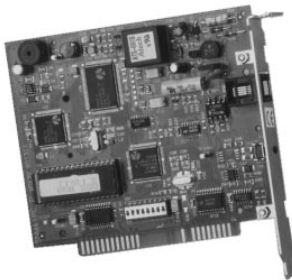
## SNM46, V32bis family

SNM46 is a **professional modem/fax** in standalone version, usually called "external modem".

It is projected and manufactured by digicom and its features are in conformity with the latest communication **standards**. The same product is also available in **rackmount version** with the name SNM46R. The customer offering telematic services on switched network will be able to optimize the power connections and the modems management; the rackmount version, as well as the standalone one, can be managed from digicom's **Network Management** called **MSS01**.

The same project is proposed **also** in following **versions**: **SNM41PC for ISA Bus and CCM44 for PCMCIA Bus**. Both products have the same characteristics of the standalone or desktop version except for features in synchronous configuration which can be used in a personal computer.

In this case thanks to **Autosync** standard it is possible to communicate in SDLC or X32 synchronous emulation towards systems of IBM midrange or mainframe family with emulators **5250** or **3270 Autosync compatible**; this software is quite popular and also IBM offers a version for 3270 environment in Dos or Windows and for 3270 and 5250 environment in OS/2. In order to offer a complete solution, digicom reached an agreement with MicroIntegration for the supply of Autosync compatible software in version 3270 for DOS and 5250 for DOS and/or Windows which can be used on PSTN with SDLC protocol or on PDN with X32 protocol.



SNM46 and all rackmount, PC or PCMCIA models operate at a speed of **14.400 bps** according to ITU-T V32bis standard and as they are projected on **multistandard** technology, they can connect to any modem down to the minimum speed of 300 bps.

Thanks to **error correction** with **MNP4, MNP10 and V42** protocols, automatically selected at the connection, communications are guaranteed against any noise and transmission is allowed also through **TACS cellular network** for users working with portable PC and cellular phones.

These modems have got a powerful **compressor** which is based on **MNP5 and V42bis** standards and allows to reach a speed of **57600 bit per second**; it is possible to send 5760 characters per second and this means that a file of 200 Kbyte can be transmitted in a maximum time of 138 seconds and a minimum time of about 35 seconds according to the number of errors, retransmissions and redundancy on the files.

The whole family of SNM46 modems has got the **fax** feature which allows to transmit and receive faxes in conformity with **group 3** recommendations (9600, 7200, 4800, 2400 bps) but also at the highest **fax speed 14.400 bps (V17 recommendation)**. **Complete software for fax management, communication to data banks and file transfer management** is supplied free of charge and in **Italian language** with every digicom's product.

**SNM46 and its PC and PCMCIA versions are made in Italy products, projected and manufactured by digicom S.p.A.**  
leading company on the market for twenty years with **Quality Certification according to ISO9001/EN29000 and BABT**.  
The products are homologated, **CE marked** and they are in conformity with **ITU-T recommendations** warranting the **highest Quality level**.

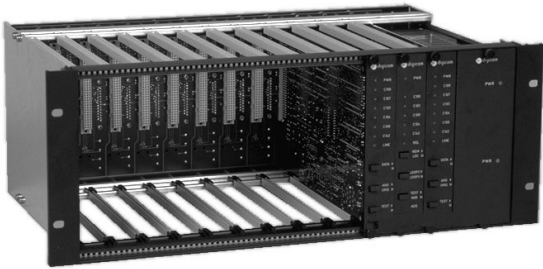
digicom S.p.A. - ITALY - 21010 Cardano al Campo VA via Alessandro Volta 39  
Tel. +39 0331 702611 - Fax +39 0331 263733 - <http://www.digicom.it>



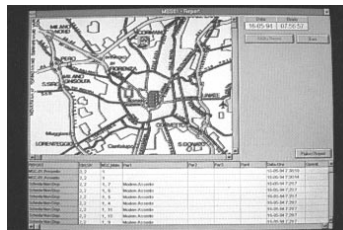
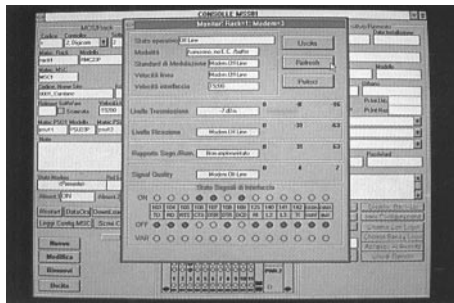
All digicom's products are manufactured using the latest technologies (**SMT/SMD**) and they guarantee the highest quality level in conformity with **ISO9001/EN29000** certifications and European **CE mark**.

They are equipped with **integrated power supply** and manufactured inside strong metal chassis which offer a very good electro-magnetic insulation. They are also supplied with cables to be used for standard connection to PSTN according to **PTT Homologation**.

### TECHNICAL FEATURES



- PSTN V32bis multistandard modem at 14400, 12000, 9600, 7200, 4800, 2400, 1200, 1200/75, 300 bps according to following standards: V32bis, V32, V22bis, V22, V21, V23.
- Fax Group 3 class II at 9600,7200,4800,2400 bps according to V29 and V27 standards.
- Fax Modem V17 at the speed of 14400 bps.
- Asynchronous working up to 57600 bps in autospeed.
- Synchronous working Point to Point slave from 1200 to 14400 bps (standalone and rack versions).
- Autosync working.
- AT compatible and V25bis HDLC.
- Automatic call with pulse selection and DTMF.
- Internal phone book for 4 users.
- Errors correction according to MNP4, MNP10 and V42 standards.
- Data compression according to MNP5 and V42bis standards.
- Management by digicom's Network Management MSS01 (standalone and rack versions).
- Loop management according to V54 recommendation.
- Teleprogramming and call back with password exchange.
- V24/V28 serial interface (standalone and rack versions).
- ISA bus interface (desktop pc version) UART 16550.
- PCMCIA II interface (lap top computer version).
- Transmission level adjustable from -1dBm to -15dBm.
- Reception level from 0 dBm to -43 dBm.
- Impedance 600 ohm balanced.
- Fax resolution fine (200x200 dpi) and normal (200x100 dpi).
- Power supply 220 Vca monophas 50Hz (standalone and rack versions).
- Power supply from the bus (PC and PCMCIA versions).
- Standalone model consumption: 10W.
- ISA bus model consumption: 1,2 W.
- PCMCIA bus model consumption: 1,2 W standard working, 50mW in sleep mode.
- Standalone model dimensions: 150 x 44 x 210 mm.
- Rackmount model dimensions: for 19" 4 units rack.
- ISA bus model dimensions: 1/2 slot.
- PCMCIA model dimensions: 54 x 85,6 x 5 mm (pcmcia 2.0).



PRODUCT	CODE	DESCRIPTION
<b>SNM46</b>	8D1722	V32bis modem/fax, MNP10/V42 bis, Async-Sync Point to Point -Autosync - table
<b>SNM46R</b>	8D1676	V32bis modem/fax, MNP10/V42bis, Async-Sync Point to Point Autosync - Rack
<b>SNM41PC</b>	8D1738	V32bis modem/fax, MNP10/V42bis, Async-Autosync- ISA bus
<b>CCM44P</b>	8D1659	V32bis modem/fax, MNP10/V42bis, Async-Autosync - PCMCIA bus.
<b>DAAP1</b>	8D5378	Adapter for cellular phones NEC P100
<b>DAAP7</b>	8D5379	Adapter for cellular phones NEC P7
<b>RMC27</b>	8D7069	Rack for 12 SNM46R and 1 power supply
<b>RMC28</b>	8D7070	Rack for 10 SNM46R and 2 power supplies
<b>PSU27</b>	8D6058	Power supply for RMC27 and RMC28 racks
<b>CD03/1,5</b>	8D4153	Male/female cable for terminal serial interface
<b>CD45/1</b>	9D0505	Universal cable for pc serial interface
<b>CD31/1</b>	9D0504	Connection cable for Apple Macintosh serial interface