NETCOMM - Product Profile

Customer Specifications Sheet

Product Name: IG6000 Industrial Grade SmartModem

Product Number: IG6000

Target Market: Industrial and OEM Applications

Positioning

The IG6000 Industrial SmartModem has a SmartModem 336 core with additional features that make it suitable for industrial and unattended operation. Particular attention has been paid to ensuring that the modem restarts reliably in the event of power interruption or internal malfunction. The modem uses the latest generation Rockwell DSP and enables new features to be soft-uploadable when they become available.

The new IG6000 provides data transfer rates of up to 33.6Kbps. Its robust construction provides the most reliable operation in the most varied of conditions.

The IG6000 is intended for industrial and OEM markets where the application requires a modem to deal with the harsh and varied environmental conditions.

Features

- ❖ **Dual Watchdog Timers** which restart the modem if the modem crashes, starts executing invalid code or has a power interruption.
- ❖ **Automatic Power Down** when modem is not used
- ❖ **No internal batteries** for non-volatile storage ensuring a long life.
- ❖ **Dial & Talk Alarm feature**
- ❖ **Unique voice messaging system** that can be used as a voice mail box or answering machine.
- ❖ **Small rugged metal housing**.
- ❖ **Warranty: (1 year)**

Additional Information

Temperature: -10 to +60 degrees Celsius
Humidity: 0 - 95% non condensing

Housing & Dimensions:
- ◆ Metal case
- ◆ 150depth x 88width x 35height (mm)

Network Connections:
- ◆ PSTN
- ◆ 2 wire leased line

User Configurable Hardware Options:
1. Reset Factory Defaults
2. Leased Line Enable
3. Leased Line Answer/Originate
4. Async/Sync Leased Line
5,6,7 (User Configurable)

User Security Database:
- ◆ 20 users

Packaging

Box Size	213x170x60mm
Bar Code	931777300479{3}
Weight	1kg
Height	
Depth	
Width	

Minimum System Requirements

- ◆ RS 232 Communications Port
- ◆ Communications Software

Specifications

DSP		16bit
CPU		16bit
V.34	ITU-T	33,600bps
V.34	ITU-T	28,800bps
V.32bis	ITU-T	14,400bps
V.32	ITU-T	9600bps
V.23	ITU-T	1200/75bps
V.22bis	ITU-T	2400bps
V.21	ITU-T	300bps
Synchronous/Asynchronous Data		Yes
Error Correction	ITU-T V.42, MNP 2-4, MNP 10EC	
Leased Line/PSTN		Yes
Data Compression	ITU-T V.42bis, MNP 5	
Maximum Throughput	230,400bps	
Fax Send/Receive Speeds	14,400bps (Class 1 & 2)	
DSVD(Digital Simultaneous Voice and Data)		Yes
Voice Capable		Yes
DES encryption		Yes
Dial Back		Yes
Year 2K Hardware Compliant		Yes

Box Contents:
OEM box containing IG6000 Industrial SmartModem

Expected Ship Date
27th January 1999

Specifications are subject to change without prior notice

Last Update: 6th January 1999