

Medical Alarm Receiver  
Analogue VoIP- SIP



## 9600 Gateway / Receiver

### Medical Alarm Receiver

The CareTech 9600 Gateway has been designed specifically to meet the Global changes that are occurring as the analogue telephone networks, (used to support Medical Alarm Dialers), are being updated by digital technology. This change heralds the dawn of a new age for telephony-based care and monitoring products.

CareTech has been developing care systems for over 30 years meeting this challenge head on.

The 9600 Gateway has been designed to support call centres during their transition from analogue to digital. The Call Centre can then receive digital alarms from the CareIP™ units and convert them back into analogue signals for the existing receiver and CRM database.

The 9600 Receiver has been developed to provide the monitoring centre with the option to monitor many different alarm protocols which currently include CareTech CPC, Tunstall and Ademco (*other protocols can be added as required*).

The 9600 is the gateway to the services of the future, **Today!**

# 9600

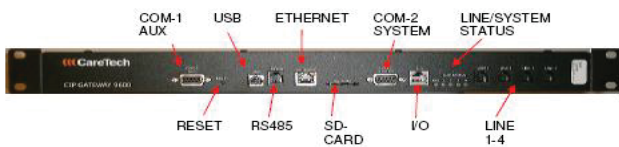
## SIP Gateway / Analogue Receiver

9600 is a medical alarm receiver which meets both the needs of now and the demands of the future. The product is developed to offer the user a high quality connection in the event of an alarm.

9600 utilises a standardized protocol (SIP). SIP is a world standard protocol used to establish speech and video uplink via a broadband connection. In addition to the voice-to-voice alarm calls, the 9600 receiver obtains detailed information. Both the CareIP and CarePhone units themselves will send medical information and the CareIP will send its online status

CRM Database connection is available with either TCP/IP over ethernet or Direct serial via RS232 ports.

- Adaptable to any Monitoring Centre
- Able to add new protocols
- 4 Analogue Line inputs ( modular)
- High security level (Unsurpassed)
- Redundancy through the TCP/IP communication channel
- Able to send data to any CRM Data base using local LAN or WAN
- Data cache facility
- 1 X RU Rack mounted



### Technical data

Power supply	9-28 VDC, 12 VDC, nom 200mA, 2.4W
Power Supply PoE	PoE -> Power over Ethernet
Ethernet Connector	RJ45 T-Base100 (100Mbit)
USB Connector	USB 2.0, Device, Type B connector
Tele lines	4 PSTN (RJ 11 socket)
Com 1 (AUX)	RS 232
Com 2 (System)	RS 232
Com 3 (485)	RS 485
Inputs	4 Digital inputs
Outputs	1 Relay Output
Indicators	4 Leds, 1 System Led
CPU, memory	ARM9, 200MHz, 64MB RAM, 8MB Flash
DSP	ADI Blackfin 532
Storage Media	SD card
Protocols (PSTN)	CPC/Caretech Contact-ID/High Speed (Ademco) Tunstall (as in present 4200)
Protocols (Ethernet)	SSH (programming) SIP/CIP RTP
Dimensions (L x W x H)	(430 x 192 x 42 mm)
Weight	2.2 kg
Operating Temp.	+5°C ... 45°C
Operating Humidity	0...95%
Air Pressure	90...106 kPa
Complies with RTTE	TBR21
Complies with LVD	EN 60950
Complies with EMC	EN 55024, EN 55022



(Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment)

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