

General Devices CAREpoint™ SPECIFICATIONS

General

Switch Type	Distributed Cross Point buss, uP controlled
Number of audio busses	30 total, 15 TX & 15 RX
Max. simultaneous connections	15 full duplex
Radio channel selection	Manual or Automatic, Local or Remote
Number of line ports	5 integral to OPE, 12 ports expansion module/subrack
Maximum matrix size	7 subracks, 94 line ports
Host Processor	OPE or Remote Master/Slave, EIA-485 & 232 communication
Operator Position Interface	Selected & Unselected audio, EIA-485 comm. to OP
Power Supply	Field replaceable PC Std or UL544 compatible
Signaling	DTMF, 2-tone sequential, burst tone, optional paging en/decode
Voice Messages	Programmable, line level in/out, mic in

Operator Position

Type	OPE embedded PC w/back-up flash disk, touch LCD monitor, full duplex audio, EIA-485 communications
Power Requirements	115 VAC, 50/60 Hz, 3.5 Amps, surge protected
Dimensions (PC)	23W x 19.0H x 10.0D
Dimensions (17" touch LCD Monitor)	18.3W x 18.5H x 9.8D

C.O.R.E.

Power Requirements	115 VAC, 50/60 Hz, 0.5 Amps, surge protected
Dimensions	4U H x 13.4"D, 19" EM enclosure or open frame subrack(s)
Storage Temperature	-30 TO +60 °C
Operating Temperature	-10 TO +40 °C

Line Card, Radio

Type	uP controlled, 2 or 4 wire radio or analog telephone
Frequency response (1KHz ref).....	300 - 3000 Hz
Termination	600/10K Ohm (balanced), Xfmr coupled, surge protected
Rx level	adjustable, -30 to 0 dBm, >10 dB side-tone rejection (2 Wire)
Tx Level.....	adjustable, -25 to +5 dBm into 600 Ohm load
Control tones	EIA standard, 600 to 2200 Hz sequential, 2175 Hz GT @ 10 dB > audio, function tone @ 0 dB, LLGT @ 20 dB < audio
Telephone Interface	Part 68 compliant, Std. Analog tones & remote disconnect detect

Physiologic Information (Single / 12-Lead ECG)

Input format	FM/FSK
Translation time.....	Varies with amount of data, typically < 30 seconds
12 Lead Output format	HPGL / PCL compliant Laser printout
Single Lead Output format	SCR Strip Printout
Output Time.....	Varies with printer and format, typically < 1 minute

Demodulator

Center Frequency.....	1400 +/- 5 Hz
Deviation	Selectable, 50, 250 Hz/V
Lock Range	750 to 2050 Hz
Frequency Response	DC to 150Hz (+1,-3dB)
FSK.....	1.2/1.6 KHz

Controls & Indicators

Generic.....	Touch screen monitor, KB, Mouse
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Environmental

Operating Temperature	-10 to +40 °C
Storage Temp.....	-20 to +60 °C
Humidity.....	5 to 95%, non-condensing

Note: CAREpoint communications utilize NetManager™ technology
Specifications are subject to change without notice.

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**GENERAL
DEVICES**

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