



HCT-7000

Dual Port E1/Datacom Protocol Analyzer and BERT

The HCT-7000, our flagship tester, is a portable, battery powered E1 and data communication tester, designed for a wide range of protocol analysis and BERT (Bit Error Rate Test) at full E1 speeds (2.048Mbps) and is fully suitable for equipment installations, on-line or off-line diagnostics, debugging, and interface development. The HCT-7000 features a backlit Liquid Crystal Display (LCD), push-button switch keyboard, interface lead indicator LEDs, user replaceable data port interface modules and internal rechargeable Li-Ion battery. The unit includes the Basic Interfaces, basic operational firmware, comprehensive User Guide, universal AC power adapter (100~240 VAC) and a sturdy hard shell carry case.

Features

- E1, Datacom, Protocol Analyzer and BERT
- Protocols: Frame Relay, SS#7, X.25, PPP (Sync.), V5.1, V5.2, ISDN-D, Sync (BSC), HDLC, SDLC, Async
- Dual pluggable interface ports with available modules:
- Datacom Module: RS-232C/D (V.24), RS-449 (V.36), RS-530, X.21, V.35, E1 Module: G.703 E1 (2048K)
- Supports Centronics printer & control serial port.
- LCD Display: 320x240 graphic (30 lines x 40 characters), with backlight
- Auto Configuration
- Menu driven setup
- ASYNC terminal Emulation
- File Management
- Self Tests and Diagnostics
- Display Modes: Full /Half Duplex Data, Frame / Packet and Lead Status
- Error Check: None, Parity, LRC, CRC-16, CRC-CCITT
- Capture Buffer: SDRAM
- Line Monitor: DTE; DCE; DTE & DCE
- Emulation: DTE; DCE; MONITOR only
- Counters & Timers: 5 each internal counters and timers
- MUX/DEMUX BERT (E1 & Datacom BERT)

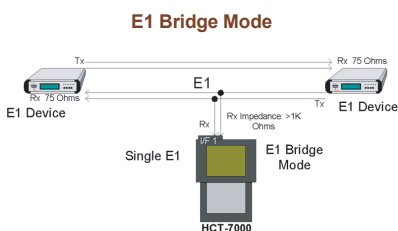
Specifications

Ports	Data Rate	Async (50 ~ 256Kbps); Sync (150 ~ 2048Kbps)	Indications	System	External power, I/F 1 Error, I/F 2 Error, Paused
	Data Code	ASCII, EBCDIC, HEX, IPARS, Transcode, EBCD		Datacom I/F Module	TD, RD, RTS, CTS, DSR, DTR, DCD, RI, XTC, TC, RC, RL, LL, TM
	Data Length	ASYNCR Mode: 5,6,7, or 8 bits SYNC Mode: 8 bits		Power Input	AC100~240V adapter to DC 19V/2.9A
	Parity Bit	ASYNCR Mode:None, Odd, Even, Mark, Space		Dimensions	220 x 275 x 65mm (D x W x H)
	Stop Bits	ASYNCR Mode: 1, 2		Weight	2.5 Kg
	E1 I/F Module	Signal Present, HDB3, Signal Loss, FAS Loss, AIS, RAI, MRAI, MFAS Loss, CAS Loss, Pattern Loss, Excess Zero, Error		Temperature	0 ~ 50°C (Operating), -10 ~ 70°C (Storage)
		Humidity	10 ~ 90% non-condensing		
		Certification	CE, FCC		
		MTBF	35,000 hrs		

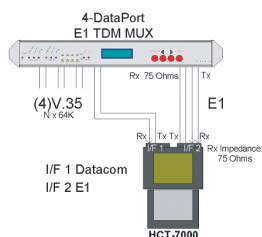
Product Overview (Misc.)



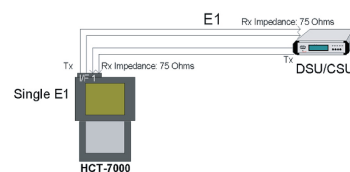
Product Overview (Connectors)



MUX feature - E1 BERT & Datacom BERT



E1 Terminal Mode



Specifications & design are subject to change without prior notice. Please visit CTC Union website for more details.