

DTP800 series E1/T1 Call Recording Server



DTP800 series E1/T1 Call Recording Server

Call recording, as a basic function of communication system, has its tangible value and been widely used. At present, CarpeStar has the world's most complete production range, including: Analog passive recording, E1/T1 passive recording, digital phoneset passive recording, VoIP recording and others.

In order to adapt to the global demand for diverse market segments, CarpeStar recently released DTP800 series, which combines over 20 years expertise in the recording field with accumulated hardware and software development experience. It is mainly applicable to passively tap and monitor E1/T1 lines in PSTN environment. The system is highly stable and reliable, and users can query, play out and monitor the device through network settings. Other main features include data backup in diverse servers, account management, the Web browsing and administration over the recording file and so on.

Key Features and Benefits

- **1U height, standard rack design**
- **support bidirectional recording for 1~8E1/T1 interface**
- **support the global protocols with high interoperability**
- **support DSP-based compression coding format**
- **web-based recording system management software**
- **support recording data storage, query and real-time monitoring**

- **Support multiple protocols and recording modes**

DTP800 supports 8 E1/T1 ports at maximum, a range of protocols such as SS1, SS7 (Tup, ISUP), ISDN signaling call status analysis and voice signal analysis, and can be configured for inbound recording, outbound recording, and mixed in/outbound ones.

- **Support multiple speech coding formats**

DTP800 supports DSP-based a-law (g. 711), M-law, IMA-ADPCM, GSM, MP3 and G. 729A format coding, and software processing -linear PCM, VOX format Codecs. It can adapt to any recording environment in the world for short time to market.

- **Adopt hi-impedance multiplexing mode**

DTP800 supports high impedance, and does not affect the normal operation of the system. And DTP800 has a strong signal adaptive ability, and can tap into line at any point to monitor call conversation.

DTP800 series E1/T1 Call Recording Server



- **Have recording data storage, query function**

DTP800 supports recording data storage, query function, exporting data report. With 2T data hard disk, it can work in uninterrupted 96 days. Recording data can also be stored offsite over the network.

Technical Specifications:

- **Configuration**

DTP800-1 E1/T1: Intel 1.8G Dual core CPU,1T HDD
 DTP800-2 E1/T1: Intel 1.8G Dual core CPU,1T HDD
 DTP800-4 E1/T1: Intel 1.8G Dual core CPU,2T HDD
 DTP800-8E1/T1: Intel 1.8G Dual core CPU,2T HDD

- **Dimensions**

440×44×200 mm(long*High*Deep)

- **Weight:**

About 3 kg (Excluding hard disk and accessories)

- **Environment**

Operating temperature: 0°C —55°C

Storage temperature: -20°C —85°C

Humidity: 8%— 90% non-condensing
 Storage humidity: 8%— 90% non-condensing

- **Input/output Interface**

E1 Physical Ports: compliant with G703, including 75Ω unbalanced interface and 120Ω balanced interface

T1 Physical Ports DSX-1 and CSU line build-outs available for different extents of signal losses, including 100Ω and 110Ω balanced interfaces

- **Signaling:**

SS1: compliant with international GF002-9002 (DL and

MFC) SS7: compliant with Q771-Q795

DSS1: compliant with Q.933

ISDN-PRI

- **Audio Specifications**

Codec: CCITT A/μ-Law 64kbps

IMA ADPCM 32kbps

G.729A 8kbps

GSM 13.6kbps

MP3 8/16kbps

Frequency response: 300-3400Hz(±3dB) AGC:-20db—0db

- **Maximum System Capacity**

Up to 8E1/T1 in single chassis

- **Power Requirements**

Maximum power consumption: ≤28W
 Input impedance: 1 KΩ(AC)

Input interface: RJ48C

- **Audio Encoding & Decoding**

16Bit PCM 128kbps

8Bit PCM 64kbps

A-Law 64 kbps

μ-Law 64 kbps

VOX 32 kbps

ADPCM 32kbps

GSM 13.6kbps

MP3 8/16kbps

G.729A 8kbps

- **Sampling Rate**

8kHz

- **Safety**

Lightning resistance: Level 4

- **Certification**

International standards

About CarpeStar

As a major manufacturer and supplier of communication products and solutions, CarpeStar specializes in providing superior Multimedia Gateway, Integrated Multimedia Switch, Telephony Hardware in use for Telecom communications.

Skirt Building, No. 1 Building, ZhongHeng Century Science Park, No. 4028, NanHuan Rd, BingJiang, Hangzhou, China 310053

Email: info@carpestar.com www.carpestar.com

Copyright © 2018 CarpeStar. All rights reserved.