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ATP2410
Recording Server

ATP Recording Server is stand-alone call recording solutions for small or medium-scalability application in analog network. This server possesses web-based interface feature for users to configure logging modes and search logging files, so they could set up audio monitoring system effortlessly in any (analog) network environment.

Key Features and Benefits

- **Support bidirectional recording for 8/16/24 Analog Ports**
- **Support the global protocols with high interoperability**
- **Support DSP-based compression coding formats**

- Reliable PowerPC built-in application recording software, with low power consumption
- Optional 3.5in hard disk for high capacity recording
- Hi-Impedance monitoring
- Multiple modes to stop/start recording
- Simultaneous recording for 8/16/24 analog channels
- Caller ID reception
- Support DTMF
- Programmable signal analysis tool to monitor audio signals;
- Audio/silence monitoring
- Support AGC
- Calling process monitoring
- Automatic Voltage Sensor
- Generate Beep tone;
- Web-based administration
- Audio Search and perimeter configuration
- User Identity management
- Intelligent search and information statistics
- Remote reset and upgrading

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Functionalities

- ### Configurable for analog 8/16/24Chs

Monitoring points could be flexibly selected, including points between PBX or Telephone, or Point between any audio signals; it is widely used in call center or logging systems;

- ### OLED display

Adapt 128*64 duplex high profile display to show status of recording server; With on-board keys, users could configure logging features effortlessly;

- ### Programmable signal monitoring

Monitor single or dual frequency signals, so it can be widely used in complex network environments, for a variety of PBX brands and corporate telephone categories;

- ### Hi-Impedance Recording

Input impedance: ≥1MΩ/500V DC; ≥8kΩ/1000V AC, do not influence signal transfer;

- ### Multiple Codes Formats

DSP-based Codecs: A-law(G.711), μ-Law, IMA-ADPCM; Software-based Codecs: 16-bit linear PCM, MP3, VOX; Support Windows WAV format; the audio file could be replayed out or edited by Cooledit or other general audio tools;

- ### Generate Beep tone

Beep tone is for logging alert, and could be adjusted while needed (the default gain is -4DBM); While audio frequency is 1KHz, the audio on the line is -24DBM;

- ### Real-time monitoring and statistics feature

Monitor the ongoing channels in real time, and can output statistics report in terms of channel NO., caller ID, Called Number, Logging time interval, Logging time length, logging direction, calling categories; follow up all users' activities, and recover web-based activities of users; could configure tens of logging parameters for logging applications, so users could customize logging features in terms of individual demands;

- ### Intelligent saving modes

With independent saving configuration page, users could manage hard disk, and so server could administrate HD automatically. For instance, a hard disk is fully occupied, the system will use another disk or delete data in the existing disk, which ensures 365*24 availability; real-time backup, or on-demand backup is also available, or delete backup data in certain time point.

- ### Configuration for all channels and number filtering

Each channel could be configured independently, including recording direction, corresponding calling parties, or agents. Certain numbers could be filtered, and long-distance calling or calling-in alert number could also be alerted;

- ### Agent and caller information management

For agent recording in call center, an array of agent information management could be activated by Agent Administration Page for recording. For easy management of caller information, the number filtering could add caller number and set alert feature, so the caller identity would be alerted on display;

- ### Multiple Alert Modes and users authorization management

To remind users in mal-function situation, the recording server could launch audio alert, email alert, web alert and so on while channels do not work normally, disk is fully occupied, or no recording goes on; it also systematically manage users' authorization, and the administer could define authorization for web-based users, and customize different authorization for different users.

- ### Remote reset and upgrading

The web-based terminal could reset the recording servers, and upgrade the firmware anytime and anywhere;

- ### Input/output Interface

RJ11 interface: one jack for one telephone
Network interface: 10/100M for Internet
SD interface: standard SD interface, 4G SD card, Built-in system software
Cabinet for Hard Disk(optional storage capacity): for 3.5inch hard disk

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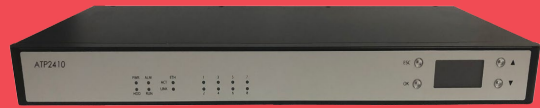
Technical Specifications:

- Dimensions: 440×44×200 mm3

- Weight: 2.6 kg (Excluding hard disk and accessories)

- **Environment**

Operating temperature: 0°C —55°C
Storage temperature: -20°C —85°C
Humidity: 8%— 90% non-condensing
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- **Input/output Interface**

Telephone line jack: 8/16/24 2-pin RJ11 jacks

- **Audio Specifications**

Codec: CCITT A/μ-Law 64kbps

IMA ADPCM 32kbps

Distortion: ≤2%

Frequency response: 300-3400Hz(±3dB)

Signal-to-noise ratio: ≥38dB

- **Maximum System Capacity**

Up to 24 channels

- **Power Requirements**
+19V DC: 1A
Maximum power consumption: ≤19W

- **Impedance**

Input impedance: ≥1MΩ/500V DC; ≥8kΩ/1000V AC

Insulation resistance of telephone line from PC: ≥2MΩ/500V DC

Telephone line impedance: Compliant with the national standard impedance for three-component network

- **Audio Encoding & Decoding**

A-Law   64kbps

μ-Law   64kbps

ADPCM   32kbps

- **Sampling Rate**

8kHz

- **Safety**

Lightning resistance: Level 4