

VIDEOTREC

Introduction

DS-800xM series embedded Net DVR have total functions both of DVR (digital video recorder) and DVS (digital video server). Our embedded system is completely independent of PC platform. The system is built upon embedded processor and embedded operating system, not PC processor and PC operating system. The embedded Net DVR uses MPEG-4 ACE technology standard of high-performance video compression and G.721 Audio coding standard. It achieves video & audio real-time and hardware synchronous compress completely, and it also achieves these functions such as compression coding stream recorded in hard disk, real-time video & audio preview, switch video signal and audio signal, play back the local record files, real-time network transmission, playback and download long-distance files, support stream protocol (RTP/RTCP, RTSP) support IE browse, support bi-direction dialogue and so on.

DS-800xM embedded Net DVR consists of basic part and expanded part. The basic part includes main board, embedded software, the front faceplate, machine box and power supply.

Technical Specification

■ Compression Function

- Support max 16 channels video in. Each channel can be compressed independently in 25F/S (PAL) or 30F/S (NTSC), and CIF (or QCIF, HALF D1) resolution.
- Ogg Vorbis standard. The output bit rate is 16 kbps.
- Support max 16 channels audio in. Each channel can be audio signal can be compressed independently , using
- Support QCIF, CIF, and HALF D1 resolution.
- Support watermark.

■ Network Functions

- Support TCP/IP (ARP, RARP, IP, ODP, TCP, PPP, PPPoE, DHCP, SNMP etc).
- Support broad-band transmission (ADSL).
- Support remote control of PTZ.
- PC hosts can gain direct control of Net DVR's RS-232 or RS-485 port. Support voice talk between host in surveillance center (back end) and Net DVR (front end).

■ Storage Functions

- Support hard disk sleep mode.
- Support FAT32 files system.
- Support remote control of PTZ.
- Support cyclic and non-cyclic record mode.
- Support network access storage (NAS).
- Support USB flash disk, USB hard disk, USB, CDRW for backup.
- Support 6 record trigger modes: Scheduled manual, alarm, motion detection, motion detection & alarm, motion detection or alarm.

■ Misc.

- Support RS485 interface keyboard.
- User's friendly menu interface.
- Multi-level user priority. Support part image sheltering in preview mode.
- SDK and DEMO software source code can be provided to shorten application development cycle.

Order Information

- DS-804 4 Ch MPEG-4 Embedded Net DVR
- DS-808 8 Ch MPEG-4 Embedded Net DVR
- DS-816 16 Ch MPEG-4 Embedded Net DVR