Introduction:

1. Overview
FBVAD2000 Series Video Server is the product using latest technology which can be integrated easily into your existing analog CCTV (closed circuit television) system, helping users migrate analog security system into an IP-based video solution.
Video server digitizes analog video, audio and data signals, and then sends digital motive images directly over an IP network, such as a LAN, intranet or Internet. It essentially turns an analog video system into a network video system and enables users to view live video using a Web browser or management software on any local or remote computer on a network. It allows authorized viewers from different locations to simultaneously access videos from the same analog camera, as well as IP Cameras when they are added to the system.

2. Features
Using state-of-the-art H.264 encoding technology
supports Full D1 resolution or 4* CIF resolution
Max 30 frames/sec @ D1 resolution
Much better video quality under low bit rate network
Embedded Streaming Video
Digital Video Motion detection
Support OSD setting, including time, text or picture types
Support USB and SD ports to record videos (Optional)
Support Pelco-D/Pelco-P/YAAN PTZ Control
Using Fi-View-VS software to monitor or configure the setting

3. Specification

3.1. System
Main Processor: High performance embedded microprocessor
Operating System: LINUX
Control Mode: WEB & Windows based software

3.2. Video
Video Input:1/2/4 Channel, 1.0Vp-p, 75Ω
Video Server Video Server
Video Standards: PAL (625Line, 50f/s) , NTSC (525Line, 60f/s)
Video Compression: H.264
Video Resolution: D1/ HalfD1/ CIF/ QCIF
Frame speed: PAL 1f/s-25f/s NTSC 1f/s-30f/s
Connector: BNC

3.3. Audio
Audio Input: 1/2/4 channel
Audio Output: 1 channel (Optional)
Audio Compression: ADPCM
Connector: RCA

3.4. Alarm
2/4 channel bi-directional
Connector: Terminal Block with Screw Clamps
Normally open
Nominal switching capacity: 3A/277VAC or 3A/30VDC

3.5. Data Interface
RS232: Data transmitting, DB9 connector, for advanced debug
RS485: PTZ control, Terminal Block with Screw Clamps connector

3.6. USB Interface
1 Host port
Compatible with USB 1.1

3.7. SD Interface
compatible with popular SD cards

3.8. Environmental
Power Supply: 12VDC
Power consumption: <10W
Working Temperature: 0℃−+55℃
Working Humidity: 10%−90%
Atmosphere Pressure: 86kpa−106kpa
Mounting: Desktop

4 Application
5. Order Information

Model:

FBVAD2000  Video Server, Video Encoder/Decoder, IP Camera

F8-SH13A-1VT-1AT-2DTR-2CTR
1 Video input, 1 Audio input, 2Data(RS232+RS485), 2 Alarm Input/Output

F8-SH13A-4VT-4AT-2DTR-4CTR
4 Video input, 1 Audio input, 2 Data(RS232+RS485), 4 Alarm Input/Output