

## IP Video Surveillance

### 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

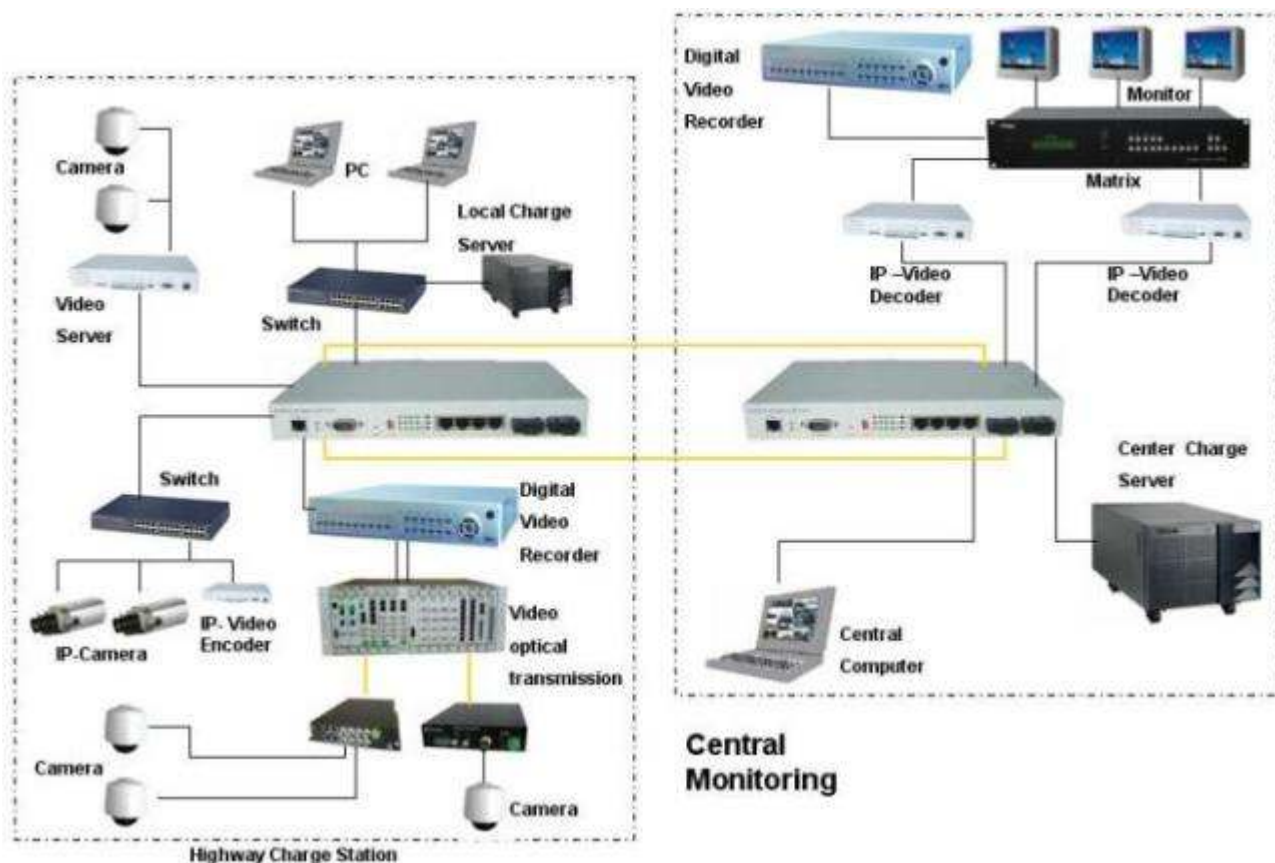
### 3.7. SD Interface

compatible with popular SD cards

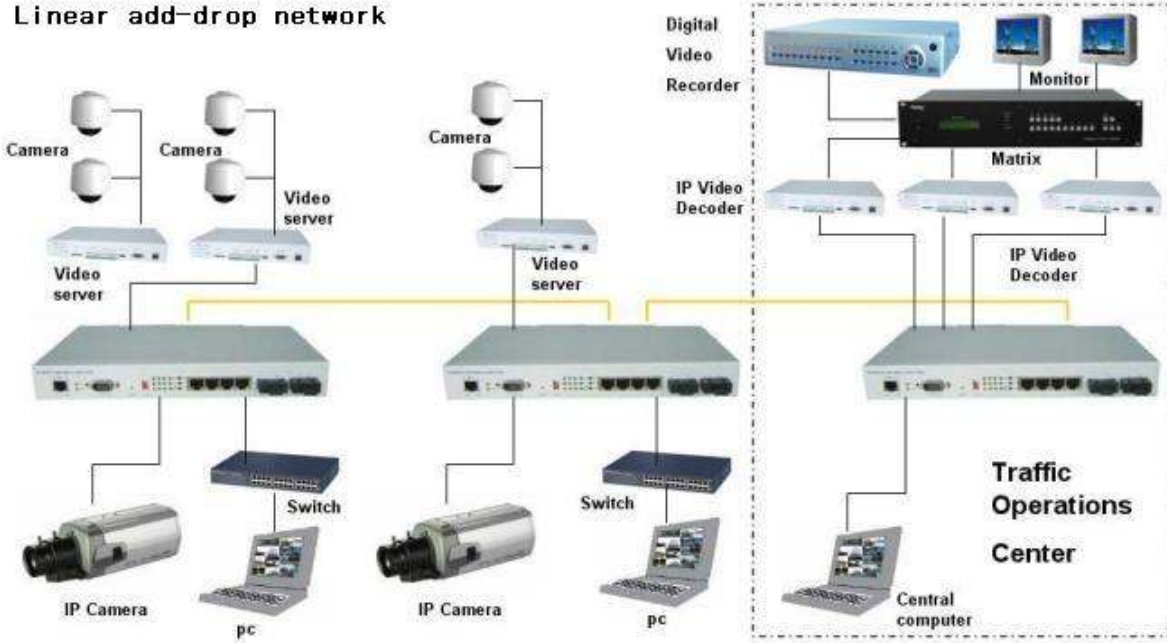
### 3.8. Environmental

Power Supply: 12VDC  
Power consumption: <10W  
Working Temperature: 0°C – +55°C  
Working Humidity: 10% – 90%  
Atmosphere Pressure: 86kpa – 106kpa  
Mounting: Desktop

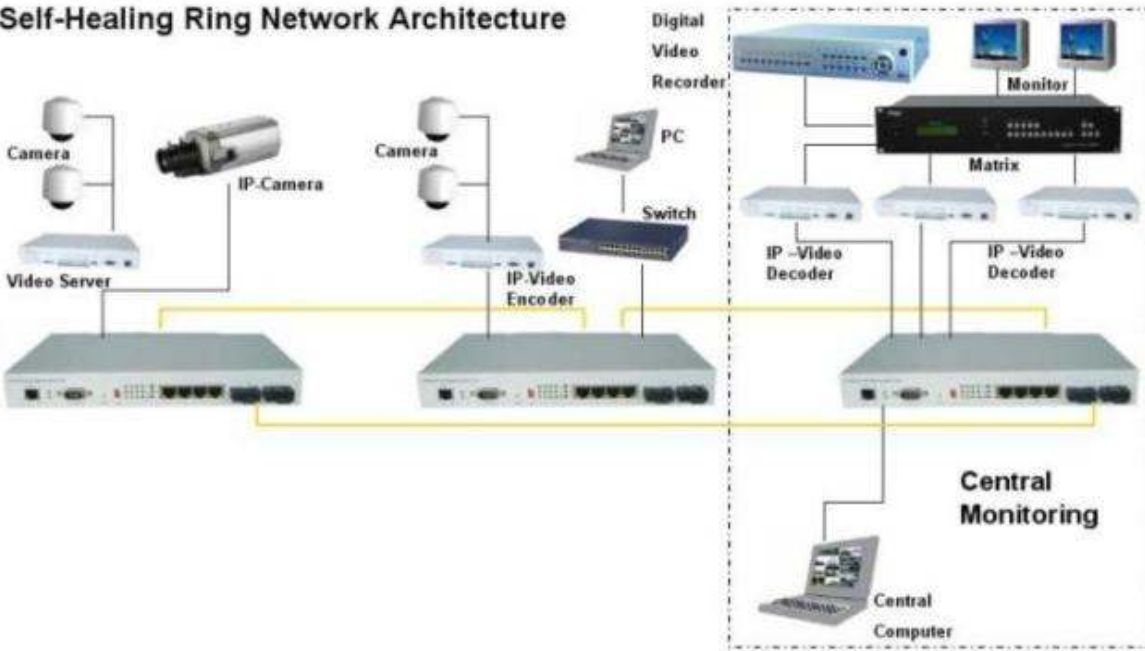
## 4 Application



## Linear add-drop network



## Self-Healing Ring Network Architecture



## 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

4Video input, 1 Audio input, 2Data(RS232+RS485),4 Alarm Input/Output

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Haberleşme sistemlerinde **yüksek performansı** yakalayın

