



DVR Flex-4E / DVR Flex-8E / DVR Flex-16E

Description

The DVR Flex E series utilizes the lightning fast Blackfin™ Video Processors. With the new enhanced H.264E compression method the Flex E makes internet transmission as well as local recording fast, stable, and seamless. Incorporating a user friendly mouse interface and an advanced tutorial based menu, the Flex E makes install, setup and service trouble free. The Flex E DVR records at 30 fps per channel with synchronized audio on each channel as well. It has the internal RAID storage feature allowing for full redundancy of all hard drives. With full D1 (704x480) resolution, recorded video images are crisp and clear making evidence sharing and reviewing precise.

Pairing the DVR with our Pro Surveillance Software (PSS) will give the user a central application to view, manage, and configure a limitless amount of DVR's simultaneously. The EPSS also allows for off-site event driven recording via an FTP, network storage unit, or local hard drive.

Main Features:

- Embedded Linux OS
- H.264E Compression
- Pentaplex Operation
- Synchronized A/V
- 120/240/480 FPS Recording - NTSC
- 100/200/400 FPS Recording - PAL
- Internet Accessible via client or IE
- Two Way Audio
- Up to 8TB Internal HDD
- USB 2.0 Mouse Interface
- Supports External Raid Storage / up to 12 additional hard drives
- Full D1 (704x480) on record
- HDMI, BNC, VGA, Matrix and Loop-Outs
- eSata Fast Backup
- All CH Simultaneous Playback
- Special Channels capable of 30FPS @ D1
- 1x on Flex 4/8 and 2x on Flex 16
- Dual Encoding for Multiple Network Streams

Graphic User Interface

- Informative, Intuitive Menu
- Easy to Use USB Mouse
- Direct and Fast Response
- 4 Ways of Access to the Menu

Remote Access over Internet

- Direct Web Access using IE Browser
- Live View, Playback, Configuration Remotely
- Viewing Multiple Cameras at Once
- User/Camera Association for Privacy Protection

Audio

- Audio/Video Synchronized Recording
- Remote Audio Monitoring
- Two Way Audio through DVR Remotely

Back-up

- Flexible Multiple Back-up Mechanisms
- Built-in DVD Burner for Direct Back-up
- Support USB Storage Device Back-up
- Download Video/Audio files to PC

SPECIFICATION	DVR FLEX4E/ 8E/ 16E
Main Board Processor	High Performance Realtime Embedded Microprocessor
Operating System	Embedded LINUX
Video Input	4/8/16 CH Composite BNC NTSC/PAL 1.0 1.0Vp-p 75 Ohms
Audio Input	4/8/16 Channel Audio BNC/RCA 200-3000mV 10k Ohms
Video Output	1 Channel Composite BNC (NTSC/PAL) 1 VGA High-Resolution 1 HDMI 1080i High Definition
Audio Output	1 Channel Audio BNC/RCA 200-3000mV 5k Ohms
Video Output Display	1, 4, 8, 9, 16 Screen
Video Standard	NTSC (525 Line, 60 Field Per Second), PAL (625 Line, 50 Field Per Second)
System Resources	HexaPlex Action
Image Resolution	Live View: 800x600, 1024x768, 1280x1024 (VGA), 1280x720p (HDMI), Recording/Playback: D1 (NTSC 704x480. PAL 704x576) or CIF (NTSC 352x240, PAL 352x288)
Image Compression	H.264E
Audio Compression	ADPCM
Image Quality	6 Levels Adjustable Per Channel
Video Recording Speed	Realtime, NTSC 1 to 30 FPS Adjustable, PAL 1 to 25 FPS Adjustable Per Channel
Data Flux	Audio: ADPCM 14.4MB/Hour; Video: 56-900MB/Hour
Motion Detection	Configurable Per Channel; 330 Detective Areas; Multiple Sensitivity Levels
Hard Disk	Internal 8x SATA ports
Alarm Input	16/16/16 Channel Grounding Alarm Inputs
Alarm Output	10 Channel Relay Outputs (5 x Normal Open, 5x Normal Close)
Network Interface	RJ45 10M/100M Auto
PTZ Control	RS485, RS232
USB Interface	2 USB2.0 Ports (Front & Back); Compatible with USB Mouse, Flash Drive, USB Hard Drive
DVD Burner	Built-in DVD Burner
Power Supply	110V +/-10% 60Hz; 220V +/-20% 50 Hz
Power Consumption	43W (Without HD) Only
Case	Industrial Standard 2U Metal Case; Rack Mountable
Weight	11Kg (25 lb) without HD
Operation Environment	Temp: 14F+130F; Humidity: 10%-90%; Pressure: 86kpa-106kpa

