



ICR 4 FLEX / ICR 8 FLEX / ICR 16 FLEX

Description

The ICR Flex R-30 utilizes the lightning fast Blackfin™ Video Processors. Utilizing a user friendly mouse interface and an advanced tutorial based menu, the Flex R-30 makes install, setup and service trouble free. The R-30 DVR records at 30 fps per channel with synchronized audio on each channel as well. The R-30 has internal Raid storage allowing for full mirroring of all HD. This also allows you to choose what data you want to be stored on two separate HD.

Main Features:

- Embedded Linux OS
 - Mpeg4/H.264
 - Triplex Operation
 - Synchronized A/V
 - 30/60/120 FPS Recording - NTSC
 - 25/50/100 FPS Recording - Pal
 - Internet Accessible
 - Two Way Audio
 - Up to 4 TB Internal
 - USB Mouse Interface
 - Supports External Raid Storage / up to 12 additional hard drives
 - Full D1 (704x480) on record
 - Up to 6 TB Internal Storage
- 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 CD Burner for Direct Back-up
 - Support USB Storage Device Back-up
 - Download Video/Audio files to PC

SPECIFICATION	ICR 4/8/16 FLEX SERIES
Main Board Processor	AMD SC1200/266 Multi-Media Processor
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	2 Channel Composite BNC (NTSC/PAL) 1.0Vp-p 75 Ohms 1 CH VGA (Computer Monitor)
Audio Output	1 Channel Audio BNC/RCA 200-3000mV 5k Ohms
Video Output Display	1, 4, 9, 16 Screen
Video Standard	NTSC (525 Line, 60 Field Per Second), PAL (625 Line, 50 Field Per Second)
System Resources	Triplex Action: Recording, Replay, Network Access Simultaneously
Image Resolution	Live View: (NTSC 704x480, PAL 704x576) Recording/Playback: CIF (NTSC 352x240, PAL 352x288)
Image Compression	MPEG - 4/H.264
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; 192 Detective Areas; Multiple Sensitivity Levels
Hard Disk	8 & 16 Channel (Internal 4 IDE Ports, Up To 8 Large Size Hard Disks)
Alarm Input	4/16/16 Channel Grounding Alarm Inputs
Alarm Output	3/6/6 Channel Relay Outputs (Relay: 30VDC 2A; 125VAC 1A)
Network Interface	RJ45 10M/100M Auto
PTZ Control	RS485, RS232
USB Interface	2 USB1.1 Ports (Front & Back); Compatible with USB Mouse, U-Drive, USB Hard Drive
CD Burner	Built-in Sony 52x48x24 CD-R, RW Drive (Upgradable to DVD-RW)
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



Main Features R-30 Matrix

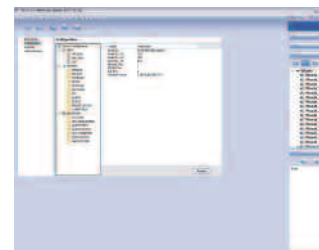
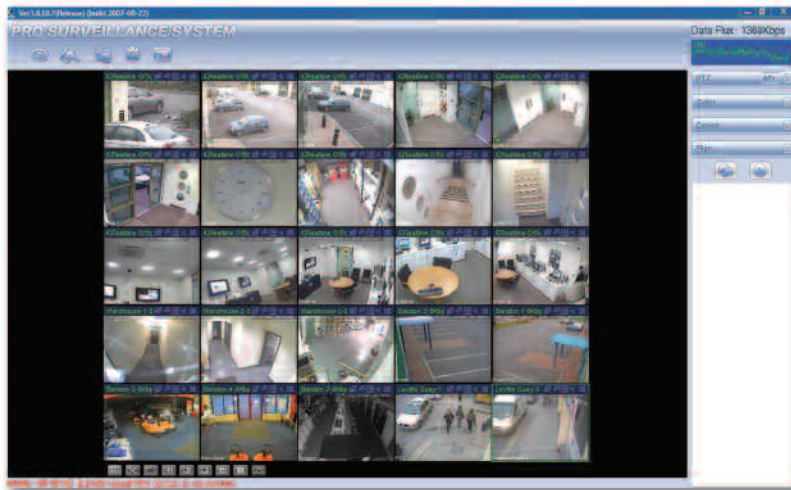
- H.264 Compression. BlackFin Video Processors
- Embedded High-Speed Microprocessor & Linux OS
- Synchronized Video and Audio Recording on all channels
- Up-to D1 (704x480) Recording Quality
- Realtime (30fps) Recording on Every Channel
- Internal Raid 5 Storage (allows you to fully mirror selected HD)
- 4 Port video matrix output (allows you to display your cameras of choice on 4 separate monitors
- Built-in DVD/CD burner
- USB Mouse Interface
- IR Remote Control
- Two way audio
- Motion detection on every channel
- Direct network access using IE Browser
- Central management software for viewing/managing multiple DVRs (up to 25)
- Up to 6 TeraByte (6,000G) Internal Storage
- Interface for External Raid Storage System (up to 12 TB)

DVR R-30 Matrix

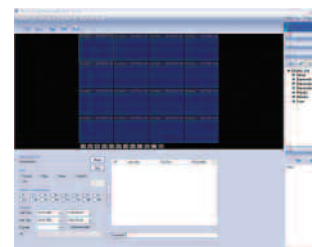
Description

The ICR Flex R-30 utilizes the lightning fast Blackfin™ Video Processors. Utilizing a user friendly mouse interface and an advanced tutorial based menu, the Flex R-30 makes install, setup and service trouble free. Utilizing the Pro Surveillance Software you are able to connect to 25 different IP addresses simultaneously. This gives you an in-depth central program for maintaining and monitoring multiple DVR sites. With built in DVD burners you are able to download hours of high resolution watermarked video with ease. When a CD/DVD is burned in the Flex Series DVR the video player is burned with the selected files. This means during evidence sharing and backup there is no need for installation of software.

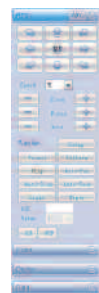
PRO DVR Software



Main Configuration Screen



Playback Menu
(Allows for 4 channels simultaneous playback)



PTZ Control

Multi Client Software

Utilizing the Pro Surveillance Software you are able to connect to 25 different IP addresses simultaneously. This gives you an in-depth central program for maintaining and monitoring multiple DVR sites. With built in DVD burners you are able to download hours of high resolution watermarked video with ease. When a CD/DVD is burned in the Flex Series DVR the video player is burned with the selected files. This means during evidence sharing and backup there is no need for installation of software.