FLEX-32E

32 Channel H.264E 960H 2U Standalone DVR

The flagship DVR of IC Realtime – the Flex series digital video recorder. The Flex series has seen several hardware upgrades over its tenure in the IC Realtime lineup. The Flex series is a battle hardened, full sized (19'' wide, 2U high) DVR capable of housing 8 HDDs internally. The Flex series recorders are typically installed in a standard 19'' equipment rack, or are installed on a desktop.

The latest generation of the Flex series recorders have stronger hardware and larger internal HDD capacity, the Flex DVR is well suited for installation in the most demanding applications. Typical Flex DVR deployments include: light to heavy commercial sites, large offices, financial institutions, educational institutions, and gambling establishments (Casinos, etc.).

Like all IC Realtime series recorders, this device utilizes H.264E (Enhanced H.264) compression technology, enabling crisp image viewing with the least bandwidth consumption possible. This unit adopts an embedded system design, as well as a Linux Operating System, resulting in high levels of stability, performance, and most importantly: reliability. In addition, this unit is fully operational from remote locations (Search/Playback/Backup/Configuration) over standard Ethernet networks.

Features

- Up to 32 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- All channel 960H realtime recording
- HDMI / VGA / TV/ Spot simultaneous video output
- 3D intelligent positioning with ICR PTZ dome camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB,4 USB2.0
- Multiple network monitoring: Web browser, SmartICRSS, ICRSS Pro
- All channel simultaneous realtime playback, GRID interface, & smart search

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Specifications

Model	FLEX-32E
System	
Main Processor	Embedded processor
Operating System	Embedded LINUX
Video	
Video Input	32 channel, BNC
Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Audio	
Input	16 channel, BNC
Output	1 channel, BNC
Two-way Talk	1 channel Input, 1 channel Output(reuse the audio output channel), BNC
Display	
Interface	2 HDMI, 1 VGA, 1 TV, 1 Spot
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768
Display Split	1/4/8/9/16/25
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Video/Audio Compression	H.264 / G.711
Image Resolution	960H(960x576/960x480) / D1/4CIF(704x576/704x480) / HD1(352x576/352x480) / 2CIF(704x288/704x240) / CIF(352x288/352x240) / QCIF(176x144/176x120)
Record Rate	Main: 960H/D1/HD1/2CIF/CIF(1~30fps) Extra: CIF/QCIF(1~30fps)
Bit Rate	48~3072Kb/s
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank
Alarm Input	16 channel
Relay Output	6 channel
Playback & Backup	
Sync Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device / Network / eSATA Device
Network	
Ethernet	2 RJ-45 ports (10/100M/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	8 SATA ports

External HDD	1 eSATA port
Auxiliary Interface	
USB	4 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC100~220V, 50/60Hz
Power Consumption	40W
Working Environment	14 ~ 131° F (-10 ~ 55°C) / 10~90%RH / 86~106kpa
Dimensions (W×D×H)	2U, 17.32” ×18.11” ×3.50” (440mm×460mm×89mm)
Weight	14.33lb without HDD (6.5KG)

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