



# FUSION-AI-1s-832

The FUSION-AI-1s-832 is a Flexible 32 channel 2U Bi-Tech recorder that seamlessly combines 2 video technologies (IP & Analogue).

This 8 HDD recorder has a total of 32 channels with 32 BNC inputs that can process SD analogue signals with resolutions up to 960H at 25fps per channel. Its powerful 160Mbps processor and 2 x 1GB Network Ports can also facilitate IP Cameras with resolutions up to 1080P on any channel input.

The FUSION-AI-1s-832 is ideally suited for existing analogue installation (+16 ch) that want to migrate some or all of their channels to IP.



## PERFORMANCE

Resolution	IP	1080P (1-25fps)
	HDCVI	Not applicable
	Analogue	960H (1-25fps)

IP Recording	160Mbps
Processor	Dual Core Embedded
Video Compression	H.264, MJPEG
Audio Compression	G711A

## SOFTWARE

OS	Embedded Linux (ICR OS)
Video Detection	Motion Detection, Video Loss & Camera Masking
Smart Search	Yes
Simultaneous Playback	8 channel (1080P), 16 channel (720P)
Max User Access	128
Network Functions	Alarm Server, DDNS, DHCP, DNS, Email, FTP, HTTP, IP Filter, IPv4, IPv6, PPPoE, RTSP, SMTP, TCP/IP, UDP, UPnP
IPC Support	Onvif, Axis, Bosch, Hikvision, Panasonic, Pelco, Samsung, Sony and many more...
Smart Phone / Tablet	ICRSS Pro & ICView
PC / Mac Software	SmartICRSS & Web Browser
Push Notifications	Yes
ICDDNS	Yes
Extra Stream	Yes
Onvif	Yes
Automation Integration	Yes
ARC Integration	Yes

## CONNECTIVITY

Total Video Channels	32
IP Channels	32
HDCVI Channels	0
Analogue Channels	32
Audio (BNC)	16
2 Way Audio	Yes
Alarm Inputs	16
Alarm Outputs	6
HDMI	2
VGA	1
BNC (Master)	1
BNC (Slave)	1
PoE IPC Ports	0
10/100M RJ45 Port	0
10/100/1000M RJ45 Port	2
RS-485	1
RS-232	1
USB Ports	4

## STORAGE

SATA Ports	8
RAID	n/a
eSATA Port	1
Backup Methods	USB, eSATA, DVD & Network

## ENVIRONMENTAL

Case Size	2U Rack Mountable
Dimensions (mm)	440 (W) x 460 (D) x 89 (H)
Power Supply	AC 100-240 V, 50/60 Hz
Power Consumption	40W (without HDD)
Working Environment	-10°C-+55°C/10%-90%RH/ 86-106kpa
Weight	6KG (without HDD)
Certification	CE, FCC



Email us [info@icrealtime.net](mailto:info@icrealtime.net) or visit [www.icrealtime.net](http://www.icrealtime.net)



**European Head Office**  
 IC Realtime,  
 12 Knockmitten Lane,  
 Western Industrial Estate,  
 Dublin 12,  
 Ireland



**UK Office**  
 IC Realtime UK  
 Surrey Technology Centre,  
 40 Occam Road,  
 Guildford GU2 7YG,  
 United Kingdom



**USA Head Office**  
 IC Realtime, LLC,  
 3050 N Andrews Ave EXT,  
 Pompano Beach,  
 FL 33064,  
 USA



**USA West Coast Office**  
 IC Realtime West Coast,  
 14180 W Van Buren Street,  
 Suite B-105, Goodyear,  
 AZ 85338,  
 USA