IC REALTIME® | Fusion
Versatile Technology

FUSION-5x-104-4M

The FUSION-5x-104-4M is a 4 (BNC) channel Penta-Tech recorder that combines 5 video technology formats. The BNC inputs support all the major formats such as HDCVI, HDTVI, AHD and CVBS (Analogue) at up to 5MP Resolution. Up to two IP Cameras can also be added to the system to make a total of 6 channels. Intelligent functions include Tripwire, Intrusion, Missing/Abandoned Object, Face Detection & Smart Search.

The FUSION-5x-104-4M incorporates an intelligent fan design which monitors CPU temperature and turns the fan on and off accordingly.

The FUSION-5x-104-4M has Smart H.264E (Enhanced) Compression with offers HDD and bandwidth savings of up to 70%! It comes in a 1U desktop case with 1 internal SATA port. It supports up to 4 channel playback with backup methods including USB and network download.

For remote monitoring the FUSION-5x-104-4M supports our alarm extention box (ARB1606, sold separately) which is a plug and play device that connects to the RS-485 port, please ask a member of our team for more information.

● PERFORMANCE

BNC Resolution (Max)	5MP (4MP HDCVI)
BNCFrame Rate	1~15fps - 3MP/4MP 1~25fps - 1080P
IPC Resolution (Max)	5MP
IPC Recording Bandwidth	24Mbps
Processor	Embedded (HiSilicon)
Video Compression	H.264E, H.264
Audio Compression	G.711/PCM

● SOFTWARE

OS	Embedded Linux (ICR OS)
Video Detection	Motion Detection, Video Loss & Camera Masking
Smart Search	Yes
Intelligence	IVS and Face Detect
Simultaneous Playback	1/4
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	IC Realtime, Onvif, Axis, Bosch, Dahua, Hikvision, Panasonic, Pelco, Samsung, Sony, UNV and many more…
Smart Phone/ Tablet	ICRSS Pro & ICView
PC/ Mac Software	SmartICRSS & Web Browser
Push Notifications	Yes
ICDDNS	Yes
P2P	Yes
Extra Stream	Yes
ARC Integration	Yes with ARB1606

● CONNECTIVITY

Total Video Channels	6
(4 x BNC Cameras + 2 IP Camera = 6 Channels or 0 x BNC Cameras + 6 IP Camera = 6 Channels)	
IP Channel Possibility	6
BNC Channel (Max)	4
Audio Input (RCA)	1 - Down the Coax Audio Supported on Applicable HDCVI Cameras
Audio Output (RCA)	1
Two way Audio Supported	Yes
Alarm Inputs	- Possible with ARB1606 Extension Box
Alarm Outputs	- Possible with ARB1606 Extension Box
HDMI	1
VGA	1
BNC	-
PoE IPC Ports	-
10/100M RJ45 Port	1
10/100/1000M RJ45 Port	-
RS-485	1 - For Aanlogue PTZ & ARB1606
RS-232	-
USB Ports	2 (USB 2.0)

● STORAGE

SATA Ports	1 (Max 8TB per Disk)
RAID	-
eSATA Port	-
Backup Methods	USB, Network

● ENVIRONMENTAL

Case Type	1U Desktop
Dimensions (mm)	325 (W) x 255 (D) x 55 (H)
Weight (without HDD)	1.5KG (Net) / 2KG (Gross)
Power Supply	12vDC / 2A
Power Consumption	<10W (without HDD)
Working Environment	-10°C ~ + 55°C / 0 ~ 90% RH
Storage Conditions	-20°C ~ + 70°C / 0 ~ 90% RH
Certification	CE, FCC, UL

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