FUSION-5x2-232

The FUSION-5x2-232 is a 32 (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). Cameras connected via the BNCs can record at up to 5MP-N resolution on selected channels. The 1st 16 channels support intelligent tripwire and intrusion functions and the channels 1 & 2 support Missing/Abandoned Object.

The FUSION-5x2-232 is the ideal recorder for applications going to IP, the recorder can be switched to 32 Channel IP Recorder and supports resolutions up to 8MP and has a recording bandwidth of 128Mbps.

The FUSION-5x2-232 has Smart H.265E (Enhanced) Compression with offers HDD and bandwidth savings of up to 90%! It comes in a 1U rack mount case with 2 internal SATA ports. It supports up to multi channel playback with backup methods including USB and network download. For remote monitoring the FUSION-5x2-216-4K 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-N
BNCFrame Rate	1~10fps - 5MP-N (Channel 1 & 2) 1~15fps - 4MP-N/1080P (All Channels)
IPC Resolution (Max)	8MP
IPC Recording Bandwidth	128Mbps
Processor	Embedded
Video Compression	H.265E/H.265 & H.264E/H.264
Audio Compression	AAC (1st CH Only), G711A/U, PCM

● SOFTWARE

OS	Embedded Linux (ICR OS)
Video Detection	Motion Detection, Video Loss, Camera Masking and Diagnosis
Smart Search	Yes
Intelligence	Tripwire, Intrusion, Abandoned/Missing Object
Simultaneous Playback	1/4/9/16
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	Easyviewer
PC/ Mac Software	SmartICRSS & Web Browser
Push Notifications	Yes (Motion via App)
DDNS	Yes
P2P	Yes
Extra Stream	Yes
ARC Integration	Yes with ARB1606

● CONNECTIVITY

Total Video Channels	32
(0 x BNC Cameras + 32 IP Camera = 32 Channels or 32 x BNC Cameras + 0 IP Camera = 32 Channels)	
IP Channel Possibility	Up to 32 (Max)
BNC Channel (Max)	32
Audio Input (BNC)	1 - Down the Coax Audio Supported on Applicable HDCVI Cameras
Audio Output (BNC)	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	–
10/100/1000M RJ45 Port	1
RS-485	1
RS-232	–
USB Ports	2 (1 x USB 2.0 & 1 x USB 3.0)

● STORAGE

SATA Ports	2 (Max 10TB per Disk)
RAID	–
eSATA Port	–
Backup Methods	USB, Network

● ENVIRONMENTAL

Case Type	1U Desktop
Dimensions (mm)	375 (W) x 287 (D) x 53 (H)
Weight	2KG (without HDD) / 3.3KG (Gross)
Power Supply	12vDC / 5A
Power Consumption	<25W (without HDD)
Working Environment	-10°C ~ + 55°C / 86 ~ 106kpa
Storage Conditions	-20°C ~ + 70°C / 0 ~ 90% RH
Certification	CE, FCC, UL