MXVR-H16CH

SPECIFICATION

Model	MXVR-H16CH
System	
Main Processor	MC6680
Operating System	Embedded LINUX
Video	
Input	Normal Mode: Default:16*(AHD/TVI/CVI:8MP; TVI/AHD:5MP; AHD/TVI/CVI:4MP; AHD/TVI:3MP;AHD/TVI/CVI:1080P/720P; Analog:960H)+8*network(Max 5MP) Analog+Network: 2*Analog(AHD/TVI/CVI:8MP; TVI/AHD:5MP; AHD/TVI/CVI:4MP; AHD/TVI:3MP;AHD/TVI/CVI:1080P/720P; Analog:960H)+23*network(Max 8MP),4*Analog(8MP)+21*network(Max 8MP),6*Analog(8MP)+19*network(Max 8MP) ,8*Analog(8MP)+17*network(Max 8MP),10*Analog(8MP)+15*network(Max 8MP),12*Analog(8MP)+13*network(Max 8MP),14*Analog(8MP)+11*network(Max 8MP) LITE Mode: Default:16*(TVI/AHD:5MP@12fps; AHD/TVI/CVI:4MP@15fps; AHD/TVI/CVI:1080P/720P; Analog:960H)+8*network(Max 5MP) Analog+Network:2*Analog(TVI/AHD:5MP@12fps; AHD/TVI/CVI:4MP@15fps; AHD/TVI/CVI:1080P/720P; Analog:960H)+23*network(Max 8MP),4*Analog(5MP@12fps)+23*network(Max 8MP),6*Analog(5MP@12fps)+19*network(Max 8MP) ,8*Analog(5MP@12fps)+17*network(Max 8MP),10*Analog(5MP@12fps)+15*network(Max 8MP),12*Analog(5MP@12fps)+13*network(Max 8MP),14*Analog(5MP@12fps)+11*network(Max 8MP) Network: 32*8MP/5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤160M)
Input	16CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1HD,1 VGA, 1 CVBS
Audio	
Input	6 Channel RCA,support AOC
Two-way Audio	NO
Output	1 Channel RCA
Alarm	
Sensor Input	4
Output	1
Motion Detection	16 Channel
Trigger Events	Recording, Email, Screen tips, Buzzer, Push notifications(motion detection)
Email Alarm	Send Image to The Designated E-mail
AI Function	
Human Detection	N/A
PTZ	
Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255

Display

VGA	Resolution:1920 × 1080P, 1280 × 1024 , 1280 × 720,1024 × 768
HD Output	Resolution:4K,1920x1080,1280x1024,1280x720,1024x768
Display Split	1/4/6/9/16/25/36
Privacy Masking	3 Rectangular Zones (Each camera)
OSD	Camera title, Time, Video loss, Alarm, Motion detection, Recording

Recording

Video Compression	H.265/H.265+/H.264/H.264+
Audio Compression	G.711u/G.711a
Resolution	5MP,8MP_LITE,5MP_LITE,4MP,4MP_LITE,3MP,3MP_LITE,1080P,720P,960H
Video Quality	Lowest/Low/Ordinary/Good/Better/Best
Record Rate	Normal Mode: Default: PAL:8MP_LITE(16*8fps),5MP(16*6fps),5MP_LITE(16*10fps),4MP(16*8fps),4MP_LITE(16*15fps),3MP(16*9fps),3MP_LITE(16*18fps),1080P(16*15fps),720P(16*25fps),960H(16*30fps) NTSC:8MP_LITE(16*8fps),5MP(16*6fps),5MP_LITE(16*10fps),4MP(16*8fps),4MP_LITE(16*15fps),3MP(16*9fps),3MP_LITE(16*18fps),1080P(16*15fps),720P(16*25fps),960H(16*30fps)
Record Mode	LITE Mode: Manual\Timer\Motion Detection\Alarm\Intelligent

Playback & Backup

Decode Capability	8*1080P@30fps
Sync Playback	Pure Analog: 15CH 8MP_LITE@8fps,16CH 5MP@6fps,16CH 5MP_LITE@10fps,16CH 1080P@15fps, 16CH 720P@15fps,16CH 960H@30fps Mix Mode: 2CH 4K@30fps,3CH 5M@30fps, 4CH 4M@30fps,5CH 3M@30fps, 8CH 1080P@30fps,16CH 5M@6fps,15CH 8M_LITE@8fps,16CH 1080P@15fps Pure IPC:2CH 4K@30fps,3CH 5M@30fps, 4CH 4M@30fps,5CH 3M@30fps, 8CH 1080P@30fps
Remote Playback	4 Channel / 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection,Alarm,Tag
Playback Functions	Play, Pause, Stop, Fast play, Slow play, Rewind, Single frame forward/back, Digital Zoom, Full screen
Smart Phone Playback	4 Channel
Backup Mode	USB Device(with fomat FAT 32)/Network/FTP

Network

Interface	1 RJ45 10M/100M Adaptive Ethernet Interface
Network Functions	TCP/IP, IPv4/IPv6, HTTP, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTP, RTSP
DDNS	Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE,HDPROVN,DYNAMIC_PLANET,EASY_PLANET
Web Browser	Edge, Google Chrome , Firefox ,Safari
CMS Software	Support Windows 10/Windows 11/MAC OS
Extra Stream	CIF(1-30fps)/D1(1-15fps)
Smart Phone	iPhone, Android

Hard Disk Driver

Interface Type	2 SATA Interface
Capacity	2 SATA Hard Disk (2.5"/3.5" SATA, Up to 16TB)

General

Language	Simplified Chinese,Traditional Chinese, English, Polish, Czech, Thai, Hebrew, Arabic, Bulgarian, Japanese,German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, Korean, Dutch, Greek, Vietnamese, Ukrainian
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V/4A ≤15W (Without Hard Disk)
Working Environment	-10~50℃/10~90%
Dimension (W×D×H)	310*295*46(mm)
Weight	3.5kg(Without HDD)