

GXVRTDA3116

16 Channel XVR Ultra HD



FEATURES:

Camera Input: 16 Channel HD / 32 Channel IP Camera

Compression Method: H.265+/H.265/H.264+/H.264

Video Output: 1 VGA, 1 HDMI

Recording Resolution: 8MP (3840×2160), 5MP (2592×1944), 4MP (2560×1440),
3MP (2048×1536), 1080P (1920×1080), 720P (1280×720),
960H (P:960×576/N:960×480)

Weight: 2kg Storage Interface: 2* 2.5"/3.5" SATA HDD interface up to 16TB capacity

Dimensions: (L×W×H): 310*295*46(mm)

Weight: 3.5kg



CE FC RoHS

➤ Datasheet

System	
Main Processor	HI3531D
Operating System	Embedded LINUX
Video	
Input	Analog: 16*(AHD/TVI/CVI: 8M; TVI/AHD: 5M; AHD/TVI/CVI: 4M; AHD/TVI: 3MP; AHD/TVI/CVI: 1080P/720P; Analog: 960H) Analog + Network: 14*Analog + 2*Network (Max 8MP), 12*Analog + 4*Network (Max 8MP), 10*Analog + 6*Network (Max 8MP), 8*Analog + 8*Network (Max 8MP), 6*Analog + 10*Network (Max 8MP), 4*Analog + 12*Network (Max 8MP), 2*Analog + 14*Network (Max 8MP) Network: 32*Network (Max 8MP) (Total incoming bandwidth ≤160M)
Input	16Channel BNC / 32Channel IP Camera
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1 VGA, 1 HDMI
Audio	
Input	6 Port RCA
Two-way Audio	NO
Output	1 Port RCA
Alarm	
Sensor Input	4 Channel
Output	1 Channel
Motion Detection	16 Channel (max 32 Channel in pure network mode)
Trigger Events	Recording, Email, Screen tips, Buzzer, Push notifications (Motion detection)
Email Alarm	Send Image to the Designated E-mail
PTZ	
Interface	RS485
Protocol	Pelco-D, Pelco-P

Baud Rate	110~921600
Address	0~255
Display	
HD Output Resolution	3840 × 2160/30Hz, 2560 × 1440/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz
VGA Resolution	1920 × 1080/60Hz, 1280 × 1024/60Hz
Display Split	36 Channel/25 Channel/16 Channel/9 Channel/8 Channel /4 Channel/1Channel
Digital Zoom	Support
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	8MP(3840×2160), 5MP(2592×1944), 4MP(2560×1440), 3MP(2048×1536), 1080P(1920×1080), 720P(1280×720), 960H(P:960×576/N:960×480)
Video Quality	Worst/Worse/Ordinary/Well/Best
Record Rate	<p>Analog: PAL: 8MP(3840×2160 16*8fps), 5MP(2592×1944 16*12fps), 4MP(2560×1440 16*15fps), 3MP(2048×1536 16*18fps), 1080P(1920x1080 16*25fps), 720P(1280×720 16*25fps), 960H(960×576 16*25fps)</p> <p>NTSC: 8MP(3840×2160 16*8fps), 5MP(2592×1944 16*12fps), 4MP(2560×1440 16*15fps), 3MP(2048×1536 16*18fps), 1080P(1920x1080 16*30fps), 720P(1280×720 16*30fps), 960H(960×480 16*30fps)</p> <p>Pure IP(H.265):</p> <p>PAL: 8MP@17×25fps, 5MP@26×25fps, 4MP@32x25fps, 3MP@32×25fps, 1080P@32×25fps, 960P@32×25fps, 720P@32×25fps, D1@32×25fps</p> <p>NTSC: 8MP@17×30fps, 5MP@26×30fps, 4MP@32×30fps, 3MP@32×30fps, 1080P@32×30fps, 960P@32×30fps, 720P@32×30fps, D1@32×30fps</p>
Record Mode	Manual/Timer/Motion Detection

Playback & Backup

Decode Capability	9CH 720P@30fps
Sync Playback	Pure Analog: 16CH 8M@8fps, 16CH 5M@12fps, 16CH 4M@15fps, 16CH 3M@18fps, 16CH 1080P@30fps Mix Mode: 2CH 8M@30fps, 3CH 5M@30fps, 4CH 4M@30fps, 4CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps Pure IPC: 2CH 8M@30fps, 3CH 5M@30fps, 4CH 4M@30fps, 6CH 3M@30fps, 9CH 1080P@30fps, 9CH 960P@30fps, 9CH 720P@30fps
Remote Playback	4 Channel/1 Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection
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 Format FAT32)/Network/FTP

Network

Interface	1 RJ45 10/100/1000M Adaptive Ethernet Interface
Network Functions	TCP/CP, HTTP, UPnP, DNS, NTP, SMTP, PPPoE, DHCP, FTP, DDNS, RTP, RTSP, RTCP, P2P
DDNS	Dyndns, Changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE
Web Browser	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53)
CMS Software	Support Windows 7/ Windows 8/Windows 10
Extra Stream	CIF(1-30fps)
Cloud Support (P2P)	Yes
Smart Phone	iPhone, iPad, Android, Android Pad

Storage

Interface Type	2*2.5"/3.5"SATA Interface
Capacity	Up to 16TB capacity
eSATA	/

General

UTC Control	Support
Language	English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Farisa German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, Korean, Dutch, Greek, Vietnamese, Japanese Chinese
USB Interface	2 USB 2.0 Interfaces
RS485	Support
Power Supply	DC 12V/4A ≤10W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimensions (W×D×H)	310*295*46(mm)
Weight	3.5kgs (without HDD)