

GXVRTHDA2016i

16 Channel AI XVR Full-HD



FEATURES:

Camera Input: 16 Channel

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

Video Output: 1 VGA, 1 HDMI, 1 CVBS

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

Network Interface: 1 RJ45 10/100/1000M Adaptive Ethernet Interface

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

Dimensions: (L×W×H): 310*290*46(mm)

Weight: 3.5kg

CE FC RoHS



➤ Datasheet

System	
Main Processor	HI3531D
Operating System	Embedded LINUX
Video	
Input	<p style="text-align: center;">Normal Mode:</p> <p>Default: 16*(AHD/TVI/CVI:8M; TVI/AHD: 5M; AHD/TVI/CVI: 4M; AHD/TVI: 3M; AHD/TVI/CVI: 1080P/720P; Analog: 960H) + 8*Network (MAX 5MP) Analog+Network: 14*Analog(AHD/TVI/CVI)8MP + 11*Network(MAX 8MP); 12*Analog(AHD/TVI/CVI)8MP + 13*Network(MAX 8MP); 10*Analog(AHD/TVI/CVI)8MP + 15*Network(MAX 8MP); 8*Analog(AHD/TVI/CVI)8MP + 17*Network(MAX 8MP); 6*Analog(AHD/TVI/CVI)8MP + 19*Network(MAX 8MP); 4*Analog(AHD/TVI/CVI)8MP + 21*Network(MAX 8MP); 2*Analog(AHD/TVI/CVI)8MP + 23*Network(MAX 8MP)</p> <p style="text-align: center;">Lite Mode:</p> <p>Default: 16*(AHD/TVI: 5M@12fps; AHD/TVI/CVI: 4M@15fps; AHD/TVI: 3M; AHD/TVI/CVI: 1080P/720P; Analog: 960H) + 8*Network(Max 5MP) Analog+Network: 14*Analog(5MP) + 11*Network(MAX 8MP); 12*Analog(5MP) + 13*Network(MAX 8MP); 10*Analog(5MP) + 15*Network(MAX 8MP); 8*Analog(5MP) + 17*Network(MAX 8MP); 6*Analog(5MP) + 19*Network(MAX 8MP); 4*Analog(5MP) + 21*Network(MAX 8MP); 2*Analog(5MP) + 23*Network(MAX 8MP); Network: 32*Network(Max 8MP) (Total incoming bandwidth ≤160M)</p>
Input	16CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1 VGA, 1 HDMI, 1 CVBS
Audio	
Input	6 Port RCA
Two-way Audio	NO
Output	1 Port RCA
Alarm	
Sensor Input	4 Channel

Output	1 Channel
Motion Detection	24 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
AI Function	
Face Comparison	4 Channel Video Stream Face Comparison (1 Face Databases with 10-Face images)
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, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA Resolution	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
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	5MP(2592×1944), 8MP_Lite(1920×2160), 5MP_Half(1296×1944), 4MP(2560×1440), 4MP_Half(1280×1440), 3MP(2048×1536), 3MP_Lite(1024×1536 4*18fps), 1080P(1920×1080), 720P(1280×720), 960H(P:960×576/N:960×480)
Video Quality	Worst/Worse/Ordinary/Well/Best

Record Rate	<p>Normal Mode:</p> <p>Analog: PAL: 8MP_Lite(1920×2160 16*8fps), 5MP(2592×1944 16*6fps), 5MP_Lite(1296×1944 16*10fps), 4MP(2560×1440 16*8fps), 4MP_Lite(1280×1440 16*15fps), 3MP(2048×1536 16*9fps), 3MP_Lite(1024×1536 16*18fps), 1080P(1920×1080 16*15fps), 720P(1280×720 16*25fps), 960H(960×576 16*25fps)</p> <p>NTSC: 8MP_Lite(1920×2160 16*8fps), 5MP(2592×1944 16*6fps), 5MP_Lite(1296×1944 16*10fps), 4MP(2560×1440 16*8fps), 4MP_Lite(1280×1440 16*15fps), 3MP(2048×1536 16*9fps), 3MP_Lite(1024×1536 16*18fps), 1080P(1920×1080 16*15fps), 720P(1280×720 16*30fps), 960H(960×480 16*30fps)</p> <p>Lite Mode:</p> <p>PAL: 5MP_Lite(1296×1944 16*10fps), 4MP_Lite(1280×1440 16*15fps), 3MP_Lite(1024×1536 16*18fps), 1080N(960×1080 16*25fps), 720P(1280×720 16*25fps), 960H(960×480 16*25fps)</p> <p>NTSC: 5MP_Lite(1296×1944 16*10fps), 4MP_Lite(1280×1440 16*15fps), 3MP_Lite(1024×1536 16*18fps), 1080N(960×1080 16*25fps), 720P(1280×720 16*25fps), 960H(960×480 4*30fps)</p> <p>Pure IP(H.265):</p> <p>PAL: 4k@17x25fps, 5MP@26x25fps, 4MP@32x25fps, 3MP@32x25fps, 1080P@32x25fps, 960P@32x25fps, 720P@32x25fps, D1@32x25fps</p> <p>NTSC: 4k@17x30fps, 5MP@26x30fps, 4MP@32x30fps, 3MP@32x30fps, 1080P@32x30fps, 960P@32x30fps, 720P@32x30fps, D1@32x30fps</p>
Record Mode	Manual/Timer/Motion Detection/AI Detection/Alarm
Playback & Backup	
Decode Capability	9CH 1080P@30fps
Sync Playback	<p>Pure Analog: 16CH 8MP_Lite@8fps, 16CH 5M@6fps, 16CH 5M_Lite@10fps, 16CH 4M@8fps, 16CH 4MP_Lite@15fps, 16CH 3M@9fps, 16CH 1080P@15fps, 16CH 1080N@25fps</p> <p>Mix Mode: 1CH 4K@30fps, 2CH 5M@30fps, 2CH 4M@30fps, 3CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps</p> <p>Pure IPC: 2CH 4K@30fps, 4CH 5M@30fps, 4CH 4M@30fps, 5CH 3M@30fps, 9CH 1080P@30fps, 9CH 960P@30fps, 9CH 720P@30fps</p>
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/D1(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/5A ≤10W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimensions (W×D×H)	260*215*43(mm)
Weight	3.5kgs (without HDD)