

GXVRHDA2016i

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: 1 2.5"/3.5" SATA HDD interface up to 8TB capacity

Dimensions: (L×W×H): 260*215*43(mm)

Weight: 2kg

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	2 Port RCA
Two-way Audio	NO
Output	1 Port RCA
Alarm	
Sensor Input	NO

Output	NO
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	1 2.5"/3.5"SATA Interface
Capacity	Up to 8TB 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/2A ≤10W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimensions (W×D×H)	260*215*43(mm)
Weight	2kgs (without HDD)

➤ Dimensions

