

# U-Link

16CH HD H.265 XVR

## UL-16XVR-AHD



### FEATURES

Support AHD/CVI1/TVI/IP/  
Analog Camera Input

Up to HD 8MP and IP 8MP  
Resolution Recording

Support HD Output, VGA  
and CVBS Video Output

Support Max. 16CH HD or  
16CH IP Camera Input

Support 2 SATA up to 16TB  
Capacity

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#### SPECIFICATION

System	
Main Processor	HI3521D
Operating System	Embedded LINUX
Video	
Input	Normal Mode: Analog: 16*(TVI/AHD: 5M@12fps; AHD/TVI/ CVI: 4M@15fps; AHD/TVI: 3M; AHD/TVI/CVI: 1080P/720P: An-alog: 960H) Analog+Network: 2*Analog(5MP) +14* network(MAX 8MP),4*Analog (5MP) + 12* network(MAX 8MP), 6*Analog (5MP) +10* . network(MAX 8MP),8*Analog (5MP) +8* network(MAX 8MP),10* Analog(5MP) +6* network(MAX 8MP),12*Analog (5MP) +4*network(MAX 8MP),14*Analog (5MP)+2* network (MAX 8MP) Network: 16*8MP/5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤80M)
Input	16CH BNC
Signal Type	Analog/AHD/CVI/TVI2.0/TVI3.0/Network
Output	1HD,1 VGA, CVBS
Audio	
Input	6 Channel, RCA
Two-way Audio	NO
Output	1 Channel, RCA
Alarm	
Sensor Input	4 CH
Output	1 CH
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	
Face Comparison	2 channel video stream face Comparison(1 face databases with 10 face images)
PTZ	
Interface	R\$485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255

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Display	
VGA	Resolution: 1920 x 1080P /60Hz, 1280 x 1024 /60Hz, 1280 x 720 /60Hz,1024 x 768 /60Hz
HD Output	Resolution: 2560x1440 /30Hz. 1920 x 1080P /60Hz, 1280 x 1024 /60Hz. 1280 x 720 /60Hz,1024 x 768 /60HZ
Display Split	16 Channel/9 Channel/8 Channel/4 Channel / 1Channel
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 Lite (1296x1944),4MP Lite (1280x1440),3MP Lite (1024x1536),1080 N(960x1080),720P(1280x720), 960H(P:960x576/N:960x480)
Video Quality	Worst/Worse/Ordinary/Well/Best
Record Rate	Analog: PAL: 5MP Lite (1296x1944 16*6fps),4MP Lite (1280x1440 16*8fps),3MP Lite (1024x1536 16*10fps), 1080N(960x1080 16*15fps),720P (1280 x720 16*15fps), 960H (960x576 16*25fps) NTSC:5MP Lite(1296x1944 16 *6fps),4MP Lite(1280x1440 16*8fps),3MP Lite (1024x1536 16*10fps),1080N(960x1080 16*15fps),720P (1280x 720 16*15fps), 960H (960x576 16*25fps) Pure IP(H.265): PAL:8MP@9x25fps, 5MP@12x25fps,4MP@16x 25fps, 3MP@16x25fps, 1080P@16x25fps, 960P@16x25fps, 720P@16x25fps, D1@16x25fps NTSC:8MP@9x30fp, 5MP @12x30fps,4MP@16x30fps, 3MP@16x30fps, 1080P@16x30fps, 960P@16x30fps, 720P@16x30fps, D1@16x30fps
Record Mode	Manual \Timer\ Motion Detection\ AI Alarm\Alarm Input
Playback & Backup	
Decode Capability	4CH 1080P@30fps
Sync Playback	Pure Analog: 16CH 960H@25fps, 16CH 720P@15fps, 16CH 1080N@15fps 16CH 5M_LITE@6fps, 16CH 4M_LITE @8fps, 16CH 3M_LITE@10fps Mixture mode: 4CH D1@25fps, 4CH 1080P@25fps, 1CH 8MP@30fps
	Pure Network: 4CH D1@25fps, 4CH 1080P@25fps, 1CH 8MP@30fps
Remote Playback	4 Channel / 1Channel
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 FAT 32 )/Network/FTP

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<b>Network</b>	
Intertace	1 RJ45 10M/100M Adaptive Ethernet Interface
Network Functions	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, PPPoE, DHCP, FTP, DDNS, RTP, RTSP, RTCP
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(1-12fps)
Smart Phone	iPhone, ipad, Android ,Android pad
<b>Hard Disk Driver</b>	
Interface Type	2 SATA Interface
Capacity	2 SATA Hard Disk (2.5" /3.5" SATA, Up to 16TB)
<b>General</b>	
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC12V/5A <6W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimension (WxDxH)	310*295*46(mm)
Weight	2kg (Without HDD)