

# OL-KHD916

## Kit All in One 5IN1 16Ch

OL-DVRUNI16 16 Canales



1/2.7" CMOS



Wide Dinamic Range



Visión Nocturna



Optical Zoom



Híbrida 4 IN 1



IP66



Hybrid 5 in 1



H.264 Compression



Motion Detection



1 SATA



Linux

### Características Principales:

- 1.3MP High Resolution:1920x1080• Color 1/4" HD-AHD, CCD Sensor, 1080P, ICR • AHD DVR compatible • PAL: 25fps/960P NTSC: 30fps/960P
- Support AHD/CVI/TVI/IP/Analog Camera Input.
- Support up to 6TB Capacity
- Embedded Linux

## Cámara

Image sensor	1/3"CCD 1.3 Megapixel
Image resolution	1080P
Effective pixels	1920(H)×1080(V)
TV system	PAL/NTSC
Electronic shutter time	1/25s~1/50,000s , 1/30s~1/60,000s
Scan system	Progressive
Usable illumination	0.01Lux/F2.0
S/N Ratio	≥50dB
Lens	
Focus length	2.8mm/6mm
Focus control	Fixed
Lens type	Board Lens
Pixels	3MP
Autoiris	NO
Night vision	Auto/color/B&W
IR LED	φ5X42PCS
Infrared distance	36M
IR status	Less than 10 Lux By CDS
Power On IR	CDS Auto Control
Dip switch	Opcional
Camera Features	
Day/night	Auto/color/B&W
Starlight	NO
Language menu	OSD
White balance	Auto/Manual
Control de ganancia	AUTO
Noise reduction	NDR
Image adjust	AUTO
WDR	AUTO
OSD	AUTO
UTC	AUTO
General	
Wheatherproof	Metal
Bracket	YES
Heater	NO
Audio	Optional
Voltaje	Dual
IR cut filter	YES
Power supply	DC12V±10%, 550Ma
Working temperature	-10°C~ +50°C cRH95% Max
Storage temperature	-20°C~ +60°C RH95% Max
Dimensions	φ94.5 x 76(H) mm
Weight	650gr

## DVR (digital Video Recorder)

<b>System</b>	
<b>Main processor</b>	HI3521A
<b>Operative System</b>	Embedded LINUX
<b>Video</b>	
<b>Input</b>	Analog: 4*1080N Analog+Network: 2* Analog(1080N)+4*network,Network: 9*1080P/960P/720P (Total incoming bandwidth ≤46M)
<b>Input</b>	4CH BNC
<b>Signal Type</b>	Analog/AHD/CVI/TVI 2.0/Network
<b>Output</b>	1 HDMI,1 VGA, 1CVBS
<b>Audio</b>	
<b>Input</b>	4 channels. RCA
<b>Two-way audio</b>	NO
<b>Output</b>	1 canal, RCA
<b>Alarm</b>	
<b>Sensor input</b>	NO
<b>Output</b>	NO
<b>Movement detection</b>	4 channels (max16 channels into network mode)
<b>Trigger events</b>	grabación, Email, recomendaciones de pantalla, zumbador
<b>Email alarm</b>	Send the image to the designed email
<b>Interface</b>	RS485
<b>Protocol</b>	Pelco-D, Pelco-P
<b>Baud rate</b>	110~921600
<b>Direction</b>	0~255
<b>Display</b>	
<b>VGA Resolution</b>	1920 × 1080P /60Hz, 1280 × 1024/60Hz, 1280× 720/60Hz,1024 × 768 /60Hz
<b>HDMI Resolution</b>	2560*1440/30Hz, 1920 × 1080P/60Hz, 1280 × 1024/60Hz, 1280 × 720 /60Hz,1024 × 768 /60Hz
<b>Display split</b>	16 channels/ 9 channels/ 8 channels/ 4 channels/1channel
<b>Privacy masking</b>	1 rectangular zone
<b>OSD</b>	camera title,time, video loss, alarm, movement detection, 4ch BNC
<b>record</b>	1ch HDMI, 1ch VGA
<b>Recording</b>	
<b>Video compression</b>	H.264
<b>Audio compression</b>	G.711A
<b>Resolution</b>	5MP(2592×1944),5MP_HALF(1296×1944),4MP (2560×1440),4MP_HALF(1280×1440), 3MP(2048×1536), 1080P(1920×1080), 720P(1280×720), 960H(P:960×576/N:960×480)
<b>Video quality</b>	worst/worse/ordinary/well/best

<b>Video record</b>	Analog: PAL:5MP (2592×1944 4*12fps), 5MP_HALF (1296×1944 4*20fps), 4MP(2560×1440 4*15fps),4MP_HALF(1280×1440 4*25fps),3MP(2048×1536 4*18fps); 1080P(1920×1080 4*25fps),720P(1280×720 4*25fps),960H(960×576 4*25fps)NTSC: PAL:5MP (2592×1944 4*12fps), 5MP_HALF(1296×1944 4*20fps), 4MP(2560×1440 4*15fps),4MP_HALF(1280×1440 4*30fps), 3MP(2048×1536 4*18fps), 1080P (1920×1080 4*30fps),720P(1280×720 4*30fps), 960H(960×480 4*30fps) Pure IP: PAL:4k@6×25fp, 5MP@8×25fp,4MP@11×25fp, 3MP@11×25fp,1080P@16×25fp, 960P@16×25fp,720P@16×25fp, NTSC: 4k@6×30fp, 5MP@8×30fp, 4MP@11×30fp, 3MP@11×30fp, 1080P@16×30fp, 960P@16×30fp, 720P@16×30fp, D1@16×30fp
<b>Record mode</b>	Manual\Timer\Motion Detection
<b>Playback and Backup</b>	
<b>Sync playback</b>	Pure analog: 4CH 4M@15fps, 4CH 3M@18fps,4CH 1080p@30fps Mix Mode: 2CH 1080P@30fps +1CH 1080N@12fps Pure IPC: 1CH 4K@30fps, 1CH 5MP@30fps, 2CH 4MP@30fps, 3CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fpsAutomatic
<b>playback</b>	4 canales
<b>Search mode</b>	ALL, channel, manual, time, date, movement detection
<b>Playback function</b>	Pause, stop, forward, rewind, fast forward
<b>Smartphone playback</b>	4 channels
<b>Backup type</b>	USB Device/Network
<b>Network</b>	
<b>Interface</b>	1 RJ45 10M/100M Adaptive Ethernet Inter face
<b>Network funcions</b>	HTTP, IPv4,IPv6, TCP/IP, SMTP, DHCP, DNS,PPPOE,DDNS, NTP, FTP, UPNP
<b>DDNS</b>	Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS,SMART-EYES
<b>Web browser</b>	IE8-11, Google Chrome (IE Tab), Firefox (IE Tab)
<b>CMS Software</b>	Support Windows 7/ Windows 8/ Windows 10
<b>Extra Stream</b>	CIF(1-15fps)
<b>Smartphones</b>	iPhone, ipad, Android, Android pad
<b>Hard Disk Driver</b>	
<b>Interface type</b>	1 SATA
<b>Interface Capacity</b>	3.5" SATA, Up to 6TB
<b>General</b>	
<b>Language</b>	Chinese, English, polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Japanese, German, French, Turkish, Portuguese, Spanish, Italian, Hungarian, Rumanian, Korean, Dutch, Greek,
<b>Control UTC</b>	YES
<b>USB Interface</b>	2 USB 2.0 Interfaces
<b>Energy consumption</b>	AC 115~230v ≤35W
<b>Entorno de funcionamiento</b>	-10~55°C/10~90%
<b>Dimensions</b>	260*215*43(mm)
<b>Weigth</b>	2kg (Without HDD)