

OL-KHD6516

**16CH Kit, Support
AHD/CVI/TVI/IP/Analog,
1 SATA up to 6TB**

Main Features

- 1.3MP High Resolution:1280x720
- 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



1/3
CCD



IP66



DAY &
NIGHT



ANALOG
HD



H.264
COMPRESSION



MOTION
DETECTION



5x1
HYBRID
5 IN 1



LINUX



1 SATA

Package content

- 16x Cameras Olex.la.
- DVR Olex.la
- Installation Manual.
- Screws.

Technical Specifications

Camera

Image Sensor	1/3"CCD 1.3 Megapixel
Effective Pixels	1280(H)×720(V)
Video Frame Rate	PAL: 25fps/960P NTSC: 30fps/960P
Electronic Shutter time	000Sec
Synchronization	Internal
Mini. Illumination	0.001Lux/F1.2(AGC ON), 0Lux IR on
Video Output	1-channel BNC HDAHD high definition video output

Operational

Dual IR-Cut	Yes
Electronic Shutter	PAL:1/50s-1/100,000s NTSC:1/50s-1/100,000s
Infrared LED	24EA
Night vision	Auto
HLC	Auto
BLC	Auto
ABW	Yes
Day/Night Mode	Auto
Brightness	Auto
Contrast	Auto
Sharpness	Auto
Saturation	Auto

Lens

Focus Length	3.6mm/6mm
Lens Type	Board Lens
Focus control	Automatic
Auto Iris Support	No

Camera Features

Max. IR LEDs Length	36 IR
Infrared Distance	20 mt
IR LEDs	Auto: PAL 1/50-1/100, 000Sec;NTSC 1/60-1/100, Auto(ICR) / Color / B/W 2D
Day/Night	
Noise Reduction	

General

Working Temperature	-20°C-70°C
Working Humidity	0-85%
Housing	Metal-IP66
Input Voltage/Current	DC12V 600mA
Adaptor Requirement	DC 12V, 1.5A
Color	White
Dimension	150*55*55mm
Net Weight	220g

DVR

System

Main Processor HI3521A
Operating System Embedded LINUX

Video

Input Analog: 16*1080N
Analog+Network: 14*Analog(1080N)
+2*network(Max2MP),
12*Analog(1080N)+4*network(Max2MP),
10*Analog(1080N)+6*network(Max 2MP),
8*Analog(1080N)+8*network(Max2MP),
6*Analog(1080N)+10*network(Max2MP),
4*Analog(1080N)+12*network(Max2MP),
2*Analog(1080N)+14*network(Max 2MP)
Network: 16*network(Max 2MP)
(Total incoming bandwidth ≤80M)

Input Signal Type 16CH BNC
Output Analog/AHD/CVI/TVI 2.0/Network
1 HDMI, 1 VGA, 1CVBS

Audio

Input 2 Channel, RCA
Two-way Audio NO
Output 1 Channel, RCA

Alarm

Sensor Input NO
Output NO
Motion Detection 16 Channel
Trigger Events Recording, Email,
Screen tips, Buzzer
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

VGA Resolution: 2560x1440/60Hz,
1920 × 1080P /60Hz,
1280 × 1024 /60Hz,
1280 × 720 /60Hz,
1024 × 768 /60Hz

HDMI Resolution: 1920 × 1080P /60Hz,
1280 × 1024 /60Hz, 1280 ×
720 /60Hz, 1024 × 768 /60Hz

Display Split 16 Channel/9 Channel/8
Channel/4 Channel /1Channel

Privacy Masking 1 Rectangular Zones

OSD Camera title, Time, Video
loss, Alarm, Motion detection,
Recording

Playback & Backup

Decode Capability 4CH 1080P@30fps
Sync Playback Pure Analog: 8CH 1080N@13fps
Mixture mode:2CH
1080P@30fps+1CH 1080P@13fps
Pure Network: 4CH 1080P@30fps,
4CH 960P@30fps, 4CH 720P@30fps

Remote Playback 4 Channel
Search Mode ALL, Channel, Manual, Time,
Date, Motion Detection

Recording

Video Compression H.264
Audio Compression G711A
Resolution Half 1080P(960×1080);
720P(1280×720);960H
(P:960×576/N:960×480)
Video Quality worst/worse/ordinary/well/best
Record Rate Analog: PAL:
Half 1080P(960x1080 16*12fps),
720P(1280×720 16*12fps),
960H(960×576 16*25fps)
NTSC:
Half 1080P(960x1080 16*12fps),
720P(1280×720 16*12fps),
960H(960×480 16*30fps)
Pure IP: PAL :1080P@16x25fps,
960P@16x25fps,
720P@16x25fps,
D1@16x25fps
NTSC:1080P@16x30fps,
960P@16x30fps,
720P@16x30fps,
D1@16x30fps

Record Mode Manual\Timer\
Motion Detection\alarm

Playback & Backup

Playback Functions Play, Pause, Stop,
Fast play, Rewind
Smart Phone Playback 4 Channel
Backup Mode USB Device/Network

Hard Disk Driver

Interface Type 1 SATA Interface
Capacity 1 SATA Hard Disk Interface
(2.5"/3.5" SATA, Up to 6TB)

Network

Interface 1 RJ45 10M/100M Adaptive
Ethernet Interface
Network Functions HTTP, IPv4, IPv6, TCP/IP,
SMTP, DHCP, DNS, PPPOE,
DDNS, NTP, FTP, UPNP
Dyndns, changeip, no-ip,
Oray, A-PRESS, MYQSEE,
SKDDNS, SMART-EYES

DDNS

Web Browser IE8-11, Google
Chrome (IE Tab),
Firefox (IE Tab)

CMS Software Support Windows 7/
Windows 8/Windows 10

Extra Stream CIF/(1~25fps)
Smart Phone iPhone, iPad, Android,
Android pad

General

Language Chinese, English, Polish,
Czech, Russian, Thai,
Hebrew, Arabic, Bulgarian,
Farisa, German, French,
Portuguese, Turkic, Spanish,
Italian, Hungarian, Romanian,
korean, Dutch, Greek

UTC Control YES
USB Interface 2 USB 2.0 Interfaces
Power consumption DC 12V ≤6W
(Without Hard Disk)

Working Environment -10~55°C/10~90%
Dimension (W×D×H) 260*215*43(mm)
Weight 2kg (Without HDD)