

## OL-KHD654

**4CH 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  
4 IN 1



LINUX



1 SATA

### Package content

- 4x Cameras Olex.la.
- DVR Olex.la
- Installation Manual.
- Screws.

## Technical Specifications

#### Camera

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

#### Operational

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

#### Lens

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

#### Camera Features

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

#### General

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

## DVR

### System

**Main Processor** HI3520DV200  
**Operating System** Embedded LINUX

### Video

**Input** Analog: 4\*1080N  
Analog+Network: 2\*  
Analog(1080N)+4\*network  
**Input Signal Type** Network: 9\*1080P/960P/720P(  
Total incoming bandwidth ≤46M)  
4CH BNC  
**Output** Analog/AHD/CVI/TVI 2.0/Network  
1 HDMI,1 VGA, 1CVBS

### Audio

**Input** 4 Channel, RCA  
**Two-way Audio** NO  
**Output** 1 Channel, RCA

### Alarm

**Sensor Input** NO  
**Output** NO  
**Motion Detection** 4 Channel(max 9 Channel  
in pure network mode)  
**Trigger Events** Recording, Email,  
Screen tips, Buzzer  
**Email Alarm** Send Image to The  
Designated E-mail

### Display

**VGA** Resolution:  
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** 9 Channel/4 Channel /  
1Channel  
**Privacy Masking** 1 Rectangular Zones  
**OSD** Camera title, Time, Video  
loss, Alarm, Motion detection,  
Recording  
**TV System** PAL/NTSC

### Recording

**Video Compression** H.264  
**Audio Compression** G711u  
**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:  
Half 1080P(960x1080 4\*25fps),  
720P(1280×720 4\*25fps),  
960H(P:960×576 4\*25fps/  
N:960×480 4\*30fps)  
Pure IP: PAL :1080P@9x25fps,  
960P@9x25fps, 720P@9x25fps,  
D1@9x25fps  
NTSC:1080P@9x30fps,  
960P@9x30fps, 720P@9x30fps,  
D1@9x30fps  
**Record Mode** Manual\Timer\  
Motion Detection\alarm

### PTZ

**Interface** RS485  
**Protocol** Pelco-D, Pelco-P  
**Baud Rate** 110~921600  
**Address** 0~255

### Playback & Backup

**Decode Capability** 2CH 1080P@30fps  
**Sync Playback** Pure Analog: 4CH 1080N@25fps  
Mixture mode:  
1CH 1080P@30fps+1CH 1080N@25fps  
Pure Network: 2CH 1080P@30fps,  
3CH 960P@30fps, 4CH 720P@30fps  
**Remote Playback** 1Channel  
**Search Mode** ALL, Channel, Manual, Time,  
Date, Motion Detection  
**Playback Functions** Play, Pause, Stop,  
Fast play, Rewind  
**Smart Phone Playback** 4 Channel  
**Backup Mode** USB Device/Network

### Network

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

### Hard Disk Driver

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

### 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)