

DVR Specification

Model No.	EL421	EL821	EL1621
No. of Channel	4 Channels	8 Channels	16 Channels
Cloud			
Cloud Storage	Yes	Yes	Yes
Storage Mode	Schedule / Motion Detection	Schedule / Motion Detection	Schedule / Motion Detection
Video			
Video Format	NTSC / PAL	NTSC / PAL	NTSC / PAL
Video Input	4 BNC Inputs	8 BNC Inputs	16 BNC Inputs
Video Output	1 VGA, 1 BNC, 1 HDMI Outputs	1 VGA, 1 BNC, 1 HDMI Outputs	1 VGA, 1 BNC, 1 HDMI Outputs
Video Output Resolution	VGA: 800x600, 1024x768, 1280x1024, 1440x900, 1920x1080 HDMI: 1080p	VGA: 800x600, 1024x768, 1280x1024, 1440x900, 1920x1080 HDMI: 1080p	VGA: 800x600, 1024x768, 1280x1024, 1440x900, 1920x1080 HDMI: 1080p
Audio			
Audio Input	2 RCA Inputs	2 RCA Inputs	4 RCA Inputs
Audio Output	1 RCA Output	1 RCA Output	1 RCA Output
Recording			
Video Compression	H.264	H.264	H.264
Recording Frame Rate			
D1-NTSC	120fps@CIF (360x240), 120fps@HD1 (720x240), 120fps@D1 (720x480)	240fps@CIF (360x240), 240fps@HD1 (720x240), 240fps@D1 (720x480)	480fps@CIF (360x240), 240fps@HD1 (720x240), 240fps@D1 (720x480)
D1-PAL	100fps@CIF (360x288), 100fps@HD1 (720x288), 100fps@D1 (720x576)	200fps@CIF (360x288), 200fps@HD1 (720x288), 200fps@D1 (720x576)	400fps@CIF (360x288), 192fps@HD1 (720x288), 192fps@D1 (720x576)
960H-NTSC	120fps@WCIF (480x240), 120fps@WHD1 (960x240), 120fps@WD1 (960x480)	240fps@WCIF (480x240), 88fps@WHD1 (960x240), 88fps@WD1 (960x480)	480fps@WCIF (480x240), 176fps@WHD1 (960x240), 176fps@WD1 (960x480)
960H-PAL	100fps@WCIF (480x288), 100fps@WHD1 (960x288), 100fps@WD1 (960x576)	200fps@WCIF (480x288), 72fps@WHD1 (960x288), 72fps@WD1 (960x576)	400fps@WCIF (480x288), 144fps@WHD1 (960x288), 144fps@WD1 (960x576)
Recording Mode	Always / Manual / Motion Detection / Schedule	Always / Manual / Motion Detection / Schedule	Always / Manual / Motion Detection / Schedule / Sensor / Alarm
HDD Interface	1 SATA	1 SATA	1 SATA
HDD Support	Up to 2TB	Up to 2TB	Up to 2TB
Network			
Plug & Play	Yes	Yes	Yes
Network Interface	RJ45, 10M/100M	RJ45, 10M/100M	RJ45, 10M/100M
Network Type	DHCP, PPPoE, Static IP	DHCP, PPPoE, Static IP	DHCP, PPPoE, Static IP
Playback			
Local Playback	Max. 4 Channels Simultaneously	Max. 8 Channels Simultaneously	Max. 16 Channels Simultaneously
Playback Search	Date & Time / Event List / Time Bar	Date & Time / Event List / Time Bar	Date & Time / Event List / Time Bar
Playback Mode	Play, Fast Forward, Fast Rewind, Slow Motion, Zoom	Play, Fast Forward, Fast Rewind, Slow Motion, Zoom	Play, Fast Forward, Fast Rewind, Slow Motion, Zoom
General			
PTZ Control	RS485 Built-In, supports PELCO-P & PELCO-D	RS485 Built-In, supports PELCO-P & PELCO-D	RS485 Built-In, supports PELCO-P & PELCO-D
Sensor & Alarm I/O Port	No	No	Yes
IR Extender Port	No	No	Yes
Backup Method	HDD, USB, Network	HDD, USB, Network	HDD, USB, Network
Power Supply	12V/2A	12V/2A	12V/5A
Operating Temperature (W/O HDD)	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)	-20°C to 70°C (-4°F to 158°F)	-20°C to 70°C (-4°F to 158°F)
Working Humidity	10%~90%	10%~90%	10%~90%
Dimension (LxWxH) in mm	250x230x45	250x230x45	300x220x50

© Trademarks are properties of their respective owners.
 ® Specification is subject to changes without prior notice.

Model Options:

✓ EL421



✓ EL821



✓ EL1621



What's in the box?



Standalone DVR



Remote Control



USB Mouse



Software CD



Power Adapter (12V)



HDMI Cable



Ethernet Cable



Quick Installation Guide



Warranty Card

KGUARD
SECURITY
www.kguardsecurity.com

Easy Link Series

4/8/16 Channel Advanced 960H Digital Video Recorder with HDMI output

*Your Security
Our Focus*



"Your security, our focus"
 All products come with a one-year warranty for our customers.

We have our experienced technical support team to answer any questions for more information, please visit KGUARD's website: www.kguardsecurity.com



HD recording resolution quality is better than D1
960H
Full HD 1080P

Kview
Exclusive Software
iOS (iPhone, iPad)
Android
Mac, PC



Authorized KGUARD Security Distributor

www.my-homesafe.com
www.kentshardware.com

No network setup required! Easy link to internet via QR code!



Have you ever taken a lot of time to connect your DVR with your smartphone or tablet? Or have you ever read the user manual for the DVR but still couldn't understand how to connect it? Now, KGUARD provides you with the Easy Link Series to help connect you to your mobiles quickly. Just plug your cable to your router and connect your internet without any setup. Download KGUARD app and use the device to scan the QR code on your DVR. Once the scan is complete, you can use your device to watch live right away without limitation

(by DHCP mode)

960H Super resolution to provide you perfect quality images



KGUARD provides a new digital video recorder with 960H recording resolution. 960H recording resolution gives you HD quality videos and images with 600TVL cameras. Its resolution is 34% higher than standard D1 resolution and 500% higher than CIF resolution. You don't need to worry about the video or image becoming unclear or losing important information.



Store images on the Cloud now

Traditional digital video recorder only can save images in its hard disk. Now, KGUARD combines with cloud service. You don't worry about important images being lost because you can upload your images to the cloud service easily and quickly and keep any important moments. It is very convenient to share special pictures with friends or social media.

<p>H.264 H.264 compression latest recording technology</p>	<p>Easy to set up network without difficult configuration</p>
<p>960H HD recording resolution quality is better than D1</p>	<p>Exclusive DVR to connect Cloud Service and you have a personal space</p>
<p>Full HD 1080P Full HD output with 1080P display standard for connection to HDTV</p>	<p>Free Kview series allows remote monitoring and control on your smartphones and tablets</p>

Free KView App Series for Remote Monitoring Anywhere

Available for mobile devices and PC computers can download this App to monitor your home, office, children, or pets on your mobile devices while you are traveling on business or on vacation

