

Easy Link Series

4/8/16 Channel Advanced 960H Digital Video Recorder with HDMI output
4/8 X 600 TVL High Resolution Cameras

*Your Security
Our Focus*



HD recording
resolution quality is
better than D1

960H

Output

**Full HD
1080P**



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)

Supports HDMI Output

Each 960H Series DVR is equipped with Full HD output which is displayed at 1080p standard, providing you with excellent HD videos and images on HDTV at home or at work.



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.



H.264 compression latest recording technology



Easy to set up network without difficult configuration



HD recording resolution quality is better than D1



Exclusive DVR to connect Cloud Service and you have a personal space



Full HD output with 1080P display standard for connection to HDTV



Free Kview series allows remote monitoring and control on your smartphones and tablets

Store images on the Cloud now

Traditional digital video recorder only can save images in its hard disk. Now, KGUARD's touching cloud series combines surveillance function 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.



KGUARD Fulcolor to provide excellent colorful images



Using 3.6mm fixed lens with 75 degrees viewing angle to monitor particular areas



600 TVL high resolution to make video clearer



Night vision up to 20m/65ft in total darkness



Waterproof case to protect the camera and survive rainy days

Free KView App Series for Remote Monitoring Anywhere

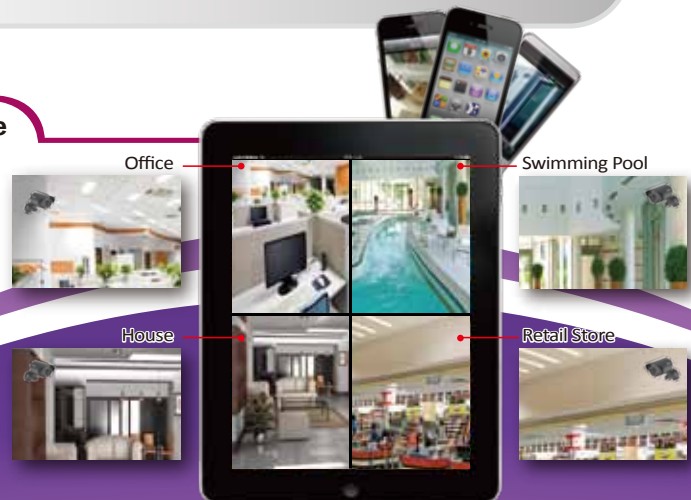
Available for mobile devices and PC computers can download this App to monitor your home, office, children, or pets on your mobile devices while you are traveling on business or on vacation



for
Smartphone
Tablet PC



for
Windows



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 (360×240), 120fps@HD1 (720x240), 120fps@D1 (720x480)	240fps@CIF (360×240), 240fps@HD1 (720x240), 240fps@D1 (720x480)	480fps@CIF (360×240), 240fps@HD1 (720x240), 240fps@D1 (720x480)
D1-PAL	100fps@CIF (360×288), 100fps@HD1 (720x288), 100fps@D1 (720x576)	200fps@CIF (360×288), 200fps@HD1 (720x288), 200fps@D1 (720x576)	400fps@CIF (360×288), 192fps@HD1 (720x288), 192fps@D1 (720x576)
960H-NTSC	120fps@WCIF (480×240), 120fps@WHD1 (960×240), 120fps@WD1 (960×480)	240fps@WCIF (480×240), 88fps@WHD1 (960×240), 88fps@WD1 (960×480)	480fps@WCIF (480×240), 176fps@WHD1 (960×240), 176fps@WD1 (960×480)
960H-PAL	100fps@WCIF (480×288), 100fps@WHD1 (960×288), 100fps@WD1 (960×576)	200fps@WCIF (480×288), 72fps@WHD1 (960×288), 72fps@WD1 (960×576)	400fps@WCIF (480×288), 144fps@WHD1 (960×288), 144fps@WD1 (960×576)
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

Camera Specification

Video

Image Sensor	KGUARD Fulcolor
Horizontal Resolution	600 TVL
Electronics Shutter	NTSC 1/60-1/100,000(sec) PAL 1/50-1/100,000(sec)
Lens	3.6mm Fixed
Viewing Angle	75 Degrees
Video Output	1.0VP-P, 75Ω
S/N Ratio	More than 48dB (AGC OFF)
Day / Night Mode	Color during day switches to B&W at night
Minimum Illumination	While Infrared LED on "0" lux
Gain Control	Auto
Backlight Compensation	Auto

Night Vision

Night Vision Distance	20m / 65ft
Illumination	Mini Infrared Array
Infra-Red Wavelength	850nm
Infra-Red LED Life	10,000hrs

General

Indoor / Outdoor	Weatherproof (Both)
Operating Temperature	-10~50°C / 14~122°F
Storage Temperature	-20~70°C / -4~158°F
Body Construction	Aluminum
Dimensions	68x58x153mm
Camera with Stand (WxDxH)	
Weight - Camera with Stand	240g / 0.53lbs

Model Options:

 **EL421-4HW212B**




 **EL821-4HW212B**



 **EL821-8HW212B**



 **EL1621-8HW212B**



All in One in the box



Standalone
DVR



Camera



Remote Control



USB Mouse



Software CD



Slim Cable
(18m / 60ft)



4 Way
Split Cable



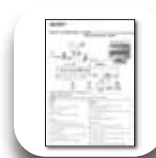
Power Adapter
(12V)



HDMI Cable



Ethernet Cable



Quick
Installation Guide



Warranty Card



"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



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