



4/6/LIG Channel Advanced 960H Digital Video Recorder with HDMI output 4/6X600TVL High Resolution Cameras

Your Security



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



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.



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

Com 20m 65ft

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





Office









Retail Store



Chaid Schedule / Motion Detection Schedule / Motion Detection Schedule / Motion Detection Video Schedule / Motion Detection Schedule / Motion Detection Schedule / Motion Detection Video Filter / Motion Detection Schedule / Motion Detection Schedule / Motion Detection Video Filter / Motion Detection Schedule / Motion Detection Schedule / Motion Detection Video Comput 4 BNC Inputs 6 BNC Inputs 16 BNC Inputs 16 BNC Inputs Video Comput Resolution VCA: 900:000, 102:4r/98, 1280:1024, 1204:900, 1020:1080 HDMI: 1080p 1440:900, 1920:1180 HDMI: 1080p Audio Input 2 RCA Inputs 2 RCA Inputs 4 RCA Inputs Audio Duput 1 RCA Output 1 RCA Output 1 RCA Output 1 NTSC 120/seg/CIF (680-240), 120/seg/HD1 240/seg/CIF (680-240), 240/seg/HD1 100/seg/CIF (680-240), 240/seg/HD1 1 NTSC 120/seg/CIF (680-240), 120/seg/HD1 240/seg/CIF (680-240), 240/seg/HD1 240/seg/CIF (680-240), 120/seg/HD1	DVR Specification			
Advance View Yes Yes Yes Yes Chuid Storage Schedular / Motion Detection Schedular / Motion Detection Schedular / Motion Detection View NTSC / PAL NTSC / PAL NTSC / PAL NTSC / PAL ISC / PAL <th>Model No.</th> <th>EL421</th> <th>EL821</th> <th>EL1621</th>	Model No.	EL421	EL821	EL1621
Chard Storage Storage ModeYesYesStorage ModeSchedule / Motion DetectionSchedule / Motion DetectionViewNTSC / PALNTSC / PALNTSC / PALVideo formatMTSC / PALNTSC / PALNTSC / PALVideo Orbant1 40A FBNC InputsBINC Inputs1 VGA, 1 BNC, 1 HDMI OutputsVideo Output Resolution1 40A 600, 1920 x1960 HDMI: 106001 40A 5000, 1920 x1060 HDMI: 106001 440x500, 1920 x1000 HDMI: 10600Audio Input2 RCA Inputs2 RCA Inputs1 RCA OutputAudio Output2 RCA Inputs2 RCA Inputs4 RCA InputsRecording1 RCA Output1 RCA Output1 RCA OutputPile120psgCIF (600 x200), 1020psgCIF (600 x200), 200psgCIF (600 x200)	No. of Channel	4 Channels	8 Channels	16 Channels
Shange Mode Schedule / Motion Detection Schedule / Motion Detection Schedule / Motion Detection Video Format NTSC / PAL NTSC / PAL NTSC / PAL Video Format 4 BNC Inputs 6 BNC Inputs 10 BNC Inputs Video Output Resolution VGA. B00x000, 1924x768, 1280x1024, VGA. B00x000, 1924x768, 1280x1024, VGA. B00x000, 1924x768, 1280x1024, Audio Output Resolution VGA. B00x000, 1924x768, 1280x1024, VGA. B00x000, 1924x768, 1280x1024, VGA. B00x000, 1920x1080 HDML: 0800 Audio Output Resolution 12 RCA Inputs 2 RCA Inputs 4 RCA Inputs Audio Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output Video Compresa 1 200ps@CIF (360x240), 120ps@UT 240ps@CIF (360x240), 240ps@UT 240ps@CIF (360x240), 240ps@UT Video Compresa 1 200ps@UCF (460x280, 100ps@UT 240ps@UCF (460x280, 100ps@UT 240ps@UCF (460x280, 100ps@UT Video Compresa 1 200ps@UCF (460x280, 100ps@UT 240ps@UCF (460x280, 100ps@UT 240ps@UCF (460x280, 100ps@UT Video Compresa 1 200ps@UCF (460x280, 100ps@UT 240ps@UCF (460x280, 100ps@UT 240ps@UCF (460x280, 100ps@UT 0100ps@UCF (460x280, 100ps@UT (Cloud			
Network Network NTSC / PAL NTSC / PAL NTSC / PAL Video frontal 4 BNC Inputs B BNC Inputs 16 BNC Inputs 16 BNC Inputs Video Output 1 VGA, 1 ENC, 1 HDMI Outputs 1 VGA, 1 ENC, 1 HDMI Outputs 1 VGA, 1 ENC, 1 HDMI Outputs Video Output Resolution VGA, 800x600, 1042x4788, 1230x1042, VGA, 1 ENC, 1 HDMI Outputs 1 VGA, 1 ENC, 1 HDMI Outputs Audio 1440x800, 1920x1080 HDMI: 1080p 1 440x800, 1920x1080 HDMI: 1080p 1 440x800, 1920x1080 HDMI: 1080p Audio 2 RCA Inputs 2 RCA Inputs 4 RCA Inputs Audio Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output <td< td=""><td>Cloud Storage</td><td>Yes</td><td>Yes</td><td>Yes</td></td<>	Cloud Storage	Yes	Yes	Yes
Video Format NTSC / FAL Video Format 4 BNC Inputs BNC Inputs BNC Inputs TGA. 1BNC. 1HOMI Outputs Video Output 1 VGA. 1BNC. 1HOMI Outputs VGA. 800x600, 1024x768, 1220x1024, VGA: 800x600, 1024x768, 1220x1024, Audio Input 2 RCA Inputs 2 RCA Inputs 4 RCA Inputs RCA Output TRCA Output	Storage Mode	Schedule / Motion Detection	Schedule / Motion Detection	Schedule / Motion Detection
Video Output 4 BNC Inputs 8 BNC Inputs 1 VGA, 1 BNC, 1 HDMI Outputs 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 Video Output Besolution 1 VGA, 1 BNC, 1 HDMI Outputs 1 VGA, 1 BNC, 1 HDMI Outputs Video Output Resolution 2 RCA Inputs 2 RCA Inputs 4 RCA Inputs Audio Input 2 RCA Inputs 2 RCA Inputs 4 RCA Inputs Recording 1 RCA Output 1 RCA Output 1 RCA Output Video Compression H.294 H.294 1 RCA Output D1-NTSC 1 20ps@CIF (360-240), 120ps@OIF (360-240), 200ps@DI (720x40), 240ps@DI (7	Video			
Video Output 1 VGA, 1 ENC, 1 HDMI Outputs Video Output Resolution VGA: 800x600, 1024x768, 1280x1024, 1440x900, 1922x1096 HDMI: 10800, 1920x1096 HDMI: 10800, HDM	Video Format	NTSC / PAL	NTSC / PAL	NTSC / PAL
Video Output Resolution VGA: 800x800, 1024x768, 1280x1024, 1440x900, 1920x1080 HDMI: 1080p VGA: 800x600, 1024x768, 1280x1024, 1440x900, 1920x1080 HDMI: 1080p Kerne VGA: 800x600, 1024x768, 1280x1024, 1440x900, 1920x1080 HDMI: 1080p VGA: 800x600, 1024x768, 1280x1024, 1440x900, 1920x1080 HDMI: 1080p Kerne Control 14264 4160 Audio Input 2 RCA Inputs 2 RCA Inputs 4 RCA Inputs Recording Frame Rate 1200 2000psQCIF (360x-240, 120psQHD1 4500psQCIF (360x-240, 120psQHD1 C/200x201, 100psQCIF (360x-240, 120psQHD1 200psQCIF (360x-240, 120psQHD1 4500psQCIF (360x-240, 120psQHD1 C/200x201, 100psQCIF (360x-240, 120psQHD1 200psQCIF (360x-240, 120psQHD1 4500psQCIF (360x-240, 120psQHD1 C/200x201, 100psQUIF (480x-240, 120psQHD1 200psQCIF (360x-240, 200psQHD1 4500psQCIF (360x-240, 120psQHD1 C/200x280, 100psQUIF (480x-240, 120psQHD1 200psQCIF (360x-240, 200psQHD1 4500psQCIF (360x-240, 120psQHD1 C/200x280, 100psQHD1 (680x-740, 120psQHD1 200psQCIF (360x-240, 200psQHD1 (200x76) 4500psQCIF (360x-240, 120psQHD1 G/200x280, 100psQHD1 (680x-740, 178psQHD1 200psQHCF (480x-240, 120psQHD1 (200x76) 4500psQCIF (360x-240, 120psQHD1 (200x76) G/200x280, 100psQHD1 (680x-740, 178psQHD1 (680x-740, 178psQHD1 (680x-740, 178psQH	Video Input	4 BNC Inputs	8 BNC Inputs	16 BNC Inputs
1440x800, 1920x1080 HDMI: 1080p 1440x800, 1920x1080 HDMI: 1080p Audio Nume Audio Inscription 2 RCA Inputs 2 RCA Inputs 4 RCA Inputs Audio (uput) 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output Reacrating View Compression H.284 H.284 H.284 Network Instruction (720x240), 120fps@D1 (720x480) (720x240), 240fps@D1 (720x480) (720x240), 240fps@D1 (720x480) (720x240), 240fps@D1 (720x480) (720x240), 240fps@D1 (720x480) (720x281), 201ps@D1 (720x480) (720	Video Output	1 VGA, 1 BNC, 1 HDMI Outputs	1 VGA, 1 BNC, 1 HDMI Outputs	1 VGA, 1 BNC, 1 HDMI Outputs
Audio Audio Input 2 RCA Inputs 2 RCA Inputs 4 RCA Inputs Audio Output 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output Recording 1 RCA Output 1 RCA Output 1 RCA Output 1 RCA Output Recording Frame Rate D1-NTSC 1 20fps@CIF (360-240), 120fps@D1 (720x480) 240fps@CIF (360-240), 240fps@O1 (720x480) (720x240), 120fps@O1 (720x480) (720x240), 120fps@O1 (720x480) 1 00fps@CIF (360-240), 120fps@O1 (720x480) (720x240), 120fps@O1 (720x480) (860x240), 176fps@OVH1 (980-480) (960x240), 176fps@OVH1 (960-480) (96	Video Output Resolution	VGA: 800x600, 1024x768, 1280x1024,	VGA: 800x600, 1024x768, 1280x1024,	VGA: 800x600, 1024x768, 1280x1024,
Audio Input 2 RCA Inputs 2 RCA Inputs 4 RCA Inputs Audio Unput 1 RCA Output 1 RCA Output 1 RCA Output Necording 1 1 RCA Output 1 RCA Output Wdeo Compression H.264 H.264 H.264 Recording Frame Rate 1 100ps@CIF (360×240), 120(ps@HD1 240(ps@CIF (360×240), 240(ps@D1 (720x480) D1-FAL 100ps@CIF (360×243), 00(ps@HD1 240(ps@CIF (360×243), 020(ps@D1 (720x480) 400(ps@CIF (360×243), 020(ps@D1 (720x480) D1-FAL 100(ps@CIF (360×243), 00(ps@HD1 240(ps@CIF (360×243), 020(ps@D1 (720x576) (720x280, 100(ps@UF1 (480×240), 840(ps@UF1 (480×240		1440x900, 1920x1080 HDMI: 1080p	1440x900, 1920x1080 HDMI: 1080p	1440x900, 1920x1080 HDMI: 1080p
Anadio Output 1 RCA Output 1 RCA Output 1 RCA Output Recording Viceo Compression H.284 H.284 H.284 Recording Frame Rate H.284 H.284 H.284 D1-NTSC 1.201ps@CIF (380>240).1201ps@HD1 (720x240).201ps@D1 (720x40) 2001ps@CIF (380>240).2401ps@HD1 (720x240).201ps@D1 (720x40) 400ps@CIF (380>240).920ps@HD1 (720x280).100ps@UF (480>240).920ps@HD1 (720x280).100ps@UF (480>240).88ps@WHD1 (800>240).120ps@WD1 (800>470) 400ps@UF (480>240).88ps@WD1 (800>240).176ps@WD1 (800>470) 860H-PAL (200ps@UF (480>240).88ps@WD1 (800>400) 400ps@UF (480>240).88ps@WD1 (800>240).176ps@WD1 (800>470) 400ps@UF (480>240).84ps@WD1 (800>240).176ps@WD1 (800>470) 860H-PAL (800+240).120ps@WD1 (800>470) 400ps@WTF (480>240).84ps@WD1 (800>240).176ps@WD1 (800>470) 400ps@WTF (480>240).84ps@WD1 (800>240).176ps@WD1 (800>470) 860H-PAL (800+240).120ps@WD1 (800>470) 400ps@WTF (480>240).84ps@WD1 (800>240).176ps@WD1 (800>470) 400ps@WTF (480>240).84ps@WD1 (800>240).176ps@WTF (480>240).84ps@WD1 (800>240).176ps@WTF (480>240).84ps@WD1 (800>240).176ps@WTF (480>240).84ps@WD1 (800>240).176ps@WTF (480>240).84ps@WTF (480>	Audio			
Recording H.264 H.284 H.284 H.284 H.284 Video Compression R.2010g Frame Rate 240fps@CIF (360×240), 240fps@UD1 (720x240), 240fps@UUD1 (720x24	Audio Input	2 RCA Inputs	2 RCA Inputs	4 RCA Inputs
Video Compression H.264 H.264 H.264 Recording Frame Rate 120fps@CIF (360-240), 120fps@HD1 240fps@CIF (360-240), 240fps@HD1 480fps@CIF (360-240), 240fps@HD1 D1-NTSC (720x240), 120fps@D1 (720x860) (720x240), 240fps@D1 (720x480) (720x240), 240fps@D1 (720x480) D1-PAL 100fps@CIF (360-288), 100fps@HD1 (720x240), 240fps@D1 (720x876) (720x240), 240fps@D1 (720x876) 960H-NTSC 120fps@WCIF (480-240), 120fps@WD1 (860-240), 88fps@WD1 (800-240), 88fps@WD1 (800-240), 176fps@WD1 (960-240) 960H-PAL 100fps@WCIF (480-280), 100fps@WHD1 (960-240), 1720fps@WD1 (960-480) (960-240), 1720fps@WD1 (960-480) 960H-PAL 100fps@WCIF (480-280), 120fps@WD1 (960-576) (960-280), 120fps@WD1 (960-576) (960-280), 120fps@WD1 (960-576) 960H-PAL 100fps@WCIF (490-280), 1720fps@WD1 (960-576) Aways / Manual / Motion Detection / Aways / Manual / Motion Detection / 960H-PAL 100fps@WCIF (490-280), 1720fps@WD1 (960-576) Waway / Manual / Motion Detection / Aways / Manual / Motion Detection / 960 × 280, 100fps@HD1 Up to 2TB Liftps@MD1 (960-576) Waway / Manual / Motion Detection / Aways / Manual / Motion Detection / 970 WD1 Yes Yes Yes </td <td>Audio Output</td> <td>1 RCA Output</td> <td>1 RCA Output</td> <td>1 RCA Output</td>	Audio Output	1 RCA Output	1 RCA Output	1 RCA Output
Recording Frame Rate Second Seco	Recording			
D1-NTSC 120fps@CIF (360×240), 120fps@HD1 (720x240), 120fps@D1 (720x480) 240fps@CIF (360×240), 240fps@HD1 (720x240), 240fps@D1 (720x480) D1-PAL 100fps@CIF (360×280), 100fps@HD1 (720x280), 100fps@CIF (360×280), 100fps@HD1 (720x280), 100fps@UT1 (720x576) 480fps@CIF (360×240), 240fps@HD1 (720x280), 120fps@UT1 (720x280), 100fps@UT1 (720x280), 200fps@UT1 (720x280), 220fps@UT1 (720x280), 220fps@UT1 (960×280), 14fps@UT1 (960×280), 14fps@UT1 (960×280), 14fps@UT1 (960×280), 14fps@UT1 (960×280), 14fps@UT1 (960×280, 14fps (960×280), 14fps@UT1 (960×280, 14fps (960×280), 14fps (960×280, 14fps (960×280, 14fps (960×280, 14fps (960×280, 14fps (960×280), 14fps (960×280, 14fps (960×280, 14fps (960×280, 14fps (960×280,	Video Compression	H.264	H.264	H.264
(720x240), 120fps@D1 (720x480) (720x240), 240fps@D1 (720x480) (720x240), 240fps@D1 (720x480) D1-PAL 100fps@CIF (360x288), 100fps@U1 200fps@CIF (360x288), 102fps@U1 400fps@CIF (360x288), 102fps@UHD1 5600 120fps@WCIF (480x240), 120fps@WHD1 240fps@WCIF (480x240), 81ps@WHD1 400fps@WCIF (480x240), 176fps@WHD1 5600 120fps@WCIF (480x288), 100fps@WHD1 240fps@WCIF (480x280), 72fps@WHD1 400fps@WCIF (480x280), 176fps@WD1 (960x480) 9600-PAL 100fps@WCIF (480x288), 100fps@WD1 (960x480) (960x240), 176fps@WD1 (960x480) (960x240), 176fps@WD1 (960x480) 9600-PAL 100fps@WCIF (480x288), 100fps@WD1 (960x576) (960x240), 176fps@WD1 (960x576) (960x240), 176fps@WD1 (960x576) 9600-PAL 100fps@WCIF (480x288), 172fps@WD1 (960x576) (960x240), 176fps@WD1 (960x576) (960x240), 176fps@WD1 (960x576) 9600-PAL 100fps@WCIF (480x288), 172fps@WD1 (960x576) Always / Manual / Motion Detection / Always / Manual / Motion Detection / Always / Manual / Motion Detection / 9600-PAL Up to 2TB Up to 2TB Up to 2TB Up to 2TB HDD Dupp PPDPD Static IP PBUS ABC Nax 4 Channels Simultaneously Max. 4 Channels Simultaneously Max. 4 Channels Simultaneously Max. 4	Recording Frame Rate			
D1-PAL 100fps@CIF (360-28), 100fps@HD1 200fps@CIF (360-28), 200fps@HD1 400fps@CIF (360-28), 192fps@HD1 G720-281, 100fps@UIF (360-28), 120fps@WHD1 (200fps@UIF (480-240), 120fps@WHD1 (200fps@WCIF (480-240), 120fps@WHD1 G80H-NTSC 120fps@WCIF (480-240), 120fps@WHD1 (240fps@WCIF (480-240), 88fps@WD1 480fps@WCIF (480-240), 176fps@WHD1 G80-240, 120fps@WCIF (480-288), 100fps@WHD1 (260-240), 120fps@WD1 (960-480) (960-240), 176fps@WD1 (960-480) G80-240, 120fps@WCIF (480-288), 100fps@WHD1 (960-240), 176fps@WD1 (960-480) (960-240), 176fps@WD1 (960-480) G80-PAL 100fps@WCIF (480-288), 100fps@WD1 (960-240), 176fps@WD1 (960-480) (960-240), 176fps@WD1 (960-480) G80-PAL 100fps@WCIF (480-288), 100fps@WD1 (960-240), 176fps@WD1 (960-480) (960-240), 176fps@WD1 (960-480) G80-PAL 100fps@WCIF (480-288), 100fps@WD1 (960-240), 176fps@WD1 (960-480) (960-240), 176fps@WD1 (960-480) G80-PAL G90-240, 176fps@WD1 (960-480) (960-240), 176fps@WD1 (960-480) (960-240), 176fps@WD1 (960-480) G80-PAL G90-240, 172/FS@WD1 (960-480) Alwars / Anaula / Motion Detecton / Alwars / Anaula / Motion Detecton / MEND Schedule Sassofff Schedule Sassofff S	D1-NTSC	120fps@CIF (360×240), 120fps@HD1	240fps@CIF (360×240), 240fps@HD1	480fps@CIF (360×240), 240fps@HD1
1720x288), 100fps@D1 (720x576) (720x288), 200fps@D1 (720x576) (720x288), 192fps@D1 (720x576) 960H-NTSC 120fps@WCIF (480x240), 120fps@WH01 200fps@WCIF (480x240), 88fps@WH01 (960x240), 126fps@WD1 (960x480) 960H-PAL 100fps@WCIF (480x288), 100fps@WH01 200fps@WCIF (480x280), 72fps@WH01 (960x288), 140fps@WD1 (960x576) (960x288), 140fps@WD1 (960x576) (960x288), 140fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) 0960x288, 100fps@WD1 (960x576) (960x288), 72fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) 0960x288, 140fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) 0960x288, 140fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) 0960x288, 140fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) (960x288), 144fps@WD1 (960x576) 10050ps@WD1 (960x576) Up to 2TB Up to 2TB Up to 2TB WEX VS VS VS VS Noto R345, 101/100M R345, 101/100M R345, 101/100M R345, 101/100M Nax 16 Channels Simultaneously		(720x240), 120fps@D1 (720x480)	(720x240), 240fps@D1 (720x480)	(720x240), 240fps@D1 (720x480)
960H-NTSC 120fps@WClF (480×240), 120fps@WHD1 240fps@WClF (480×240), 120fps@WHD1 240fps@WClF (480×240) 480fps@WClF (480×240), 176fps@WHD1 960H-PAL 100fps@WClF (480×280), 120fps@WHD1 (960×240), 120fps@WD1 (960×460) (960×240), 176fps@WHD1 (960×240), 176fps@WHD1 (960×240), 176fps@WHD1 (960×240), 176fps@WD1 (960×476) (960×240), 176fps@WHD1 (960×16), 176fps@WHD1 (960×16), 176fps@WHD1 (960×16)	D1-PAL	100fps@CIF (360×288), 100fps@HD1	200fps@CIF (360×288), 200fps@HD1	400fps@CIF (360×288), 192fps@HD1
(660×240), 120[ps@WD1 (960×480) (960×240), 126[ps@WD1 (960×480) (960×240), 176[ps@WD1 (960×480) 960H-PAL 100[ps@WCIF (480×288), 100[ps@WHD1 200[ps@WCIF (480×288), 72[ps@WHD1 400[ps@WCIF (480×288), 144[ps@WHD1 960H-PAL (960×240), 100[ps@WD1 (960×576) (960×280), 72[ps@WD1 (960×576) (960×288), 144[ps@WD1 (960×576) Recording Mode Always / Manual / Motion Detection / Always / Manual / Motion Detection / Always / Manual / Motion Detection / Recording Mode Always / Manual / Motion Detection / Always / Manual / Motion Detection / Always / Manual / Motion Detection / HDD Interface 1 SATA 1 SATA 1 SATA 1 SATA HDD Support Up to 2TB Up to 2TB Up to 2TB Up to 2TB Network Interface RJ45, 10M/100M RJ45, 10M/100M RJ45, 10M/100M RJ45, 10M/100M Network Ntype DHCP, PPPOE, Static IP DHCP, PPPOE, Static IP DHCP, PPPOE, Static IP Playback Cacal Playback Max. 4 Channels Simultaneously Max. 16 Channels Simultaneously Oate & Time / Event List / Time Bar Date & Time / Event List / Time Bar Play, Fast Forward, Fast Rewind, Play, Fast Forward, Fast Rewind, Play,		(720x288), 100fps@D1 (720x576)	(720x288), 200fps@D1 (720x576)	(720x288), 192fps@D1 (720x576)
960H-PAL 100fps@W0IF (480×288), 100fps@W0ID1 200fps@W0IF (480×288), 72fps@WHD1 400fps@W0IF (480×288), 144fps@WHD1 (960×288), 100fps@WD1 (960×576) (960×288), 72fps@WD1 (960×576) (960×288), 144fps@WHD1 Recording Mode Always / Manual / Motion Detection / Always / Manual / Motion Detection / Always / Manual / Motion Detection / BR0 Always / Manual / Motion Detection / Always / Manual / Motion Detection / Always / Manual / Motion Detection / BR0 Always / Manual / Motion Detection / Always / Manual / Motion Detection / Always / Manual / Motion Detection / BR0 Always / Manual / Motion Detection / Always / Manual / Motion Detection / Always / Manual / Motion Detection / BR0 Up to 2TB Up to 2TB Up to 2TB Up to 2TB 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 Max. 4 Channels Simultaneously Max. 8 Channels Simultaneously Max. 16 Channels Simultaneously Playback Mode Play, Fast Forward, Fast Rewind, Play, Fast Forward, Fast Rewind, Play, Fast Forward, Fast Rewind,	960H-NTSC	120fps@WCIF (480×240), 120fps@WHD1	240fps@WCIF (480×240), 88fps@WHD1	480fps@WCIF (480×240), 176fps@WHD1
(960×288), 100[ps@/WD1 (960×576) (960×288), 72[ps@/WD1 (960×576) (960×288), 144[ps@/WD1 (960×576) Recording Mode Always / Manual / Motion Detection / Schedule Schedule / Sensor / Alarm HDD Interface 1 SATA 1 SATA 1 SATA 1 SATA HDD Support Up to 2TB Up to 2TB Up to 2TB Up to 2TB Network Ves Yes Yes Yes Network Interface RJ45, 10M/100M RJ45, 10M/100M RJ45, 10M/100M Network Interface RJ45, 10M/100M RJ45, 10M/100M RJ45, 10M/100M Network Interface RJ44, 10M/100M RJ45, 10M/100M RJ45, 10M/100M Network Interface RJ44, 5 10M/100M RJ45, 10M/100M RJ45, 10M/100M Playback Max. 4 Channels Simultaneously Max. 16 Channels Simultaneously Play, Fast Forward, Fast Rewind, Slow Motion, Zoom Slow Motion, Zoom Slow Motion, Zoom Slow Motion, Zoom Play, Fast Forward, Fast Rewind, Slow Motion, Zoom Play, Fast Forward, Fast Rewind, Slow Motion, Zoon		(960×240), 120fps@WD1 (960×480)	(960×240), 88fps@WD1 (960×480)	(960×240), 176fps@WD1 (960×480)
Recording ModeAlways / Manual / Motion Detection / ScheduleAlways / Manual / Motion Detection / ScheduleAlways / Manual / Motion Detection / Schedule / Sensor / AlarmHDD Interface1 SATA1 SATA1 SATAHDD SupportUp to 2TBUp to 2TBNetworkUp to 2TBUp to 2TBPlug & PlayYesYesNetwork InterfaceRJ45, 10M/100MRJ45, 10M/100MNetwork TypeDHCP, PPPoE, Static IPDHCP, PPPoE, Static IPPlaybackMax. 4 Channels SimultaneouslyMax. 8 Channels SimultaneouslyPlaybackMax. 4 Channels SimultaneouslyMax. 8 Channels SimultaneouslyPlayback SearchDate & Time / Event List / Time BarDate & Time / Event List / Time BarPlayback ModePlay, Fast Forward, Fast Rewind, Slow Motion, ZoomSlow Motion, ZoomCeneralPELCO-DPELCO-DPTZ ControlNoNoSesors & Alarm I/O PortNoYesNoNoYesBack MethodHDD, USB, NetworkHDD, USB, NetworkPower Supply12V/ZA12V/ZAOprating Temperature (W/O HDD)-10°C to 50°C (14°F to 128°F)-20°C to 70°C (14°F to 128°F)Working Humidity10%-90%10%-90%10%-90%	960H-PAL	100fps@WCIF (480×288), 100fps@WHD1	200fps@WCIF (480×288), 72fps@WHD1	400fps@WCIF (480×288), 144fps@WHD1
ScheduleScheduleScheduleSchedule / Sensor / AlarmHDD Interface1 SATA1 SATA1 SATAHDD SupportUp to 2TBUp to 2TBUp to 2TBNetworkYesPlug & PlayYesYesNetwork TypeDHCP, PPPoE, Static IPDHCP, PPPoE, Static IPPlaybackMax. 4 Channels SimultaneouslyMax. 8 Channels SimultaneouslyPlaybackDate & Time / Event List / Time BarDate & Time / Event List / Time BarPlaybackSlow Motion, ZoomSlow Motion, ZoomCeneralSlow Motion, ZoomSlow Motion, ZoomPretCo-DPELCO-DPELCO-DPretCo-DPELCO-DPELCO-DSensor & Alarm I/O PortNoYesNoNoYesRestender PortNoYesSlow Motiod12V/2A12V/2AOperating Temperature (W/O HDD)-10°C to 50°C (14°F to 122°F)Slorage Temperature (W/O HDD)-10°C to 50°C (14°F to 158°F)-20°C to 70°C (4°F to 158°F)Working Humidity10%~90%10%~90%10%~90%		(960×288), 100fps@WD1 (960×576)	(960×288), 72fps@WD1 (960×576)	(960×288), 144fps@WD1 (960×576)
HDD Interface1 SATA1 SATA1 SATAHDD SupportUp to 2TBUp to 2TBUp to 2TBNetworkPlug & PlayYesYesNetwork InterfaceRJ45, 10M/100MRJ45, 10M/100MNetwork TypeDHCP, PPPoE, Static IPDHCP, PPPoE, Static IPPlugbackMax. 4 Channels SimultaneouslyMax. 8 Channels SimultaneouslyMax. 16 Channels SimultaneouslyPlayback SearchDate & Time / Event List / Time BarDate & Time / Event List / Time BarDate & Time / Event List / Time BarPlayback ModePlay, Fast Forward, Fast Rewind, Slow Motio, ZoomSlow Motion, ZoomSlow Motion, ZoomPTZ ControlR5485 Built-In, supports PELCO-P PELCO-DPELCO-DPELCO-DPELCO-DPELCO-DPELCO-DPELCO-DSensor & Alarn I/O PortNoNoYesNoNoYesStatuent of YesBackup MethodHDD, USB, NetworkHDD, USB, NetworkHDD, USB, NetworkPover Supply10% / D50°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)Noring Temperature (WOHDD)-10°C to 50°C (14°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 Hunditiy10% ~90%10% ~90%10% ~90%10% ~90%	Recording Mode	Always / Manual / Motion Detection /	Always / Manual / Motion Detection /	Always / Manual / Motion Detection /
HDD SupportUp to 2TBUp to 2TBUp to 2TBNetworkPlug & PlayYesYesYesNetwork InterfaceRJ45, 10M/100MRJ45, 10M/100MRJ45, 10M/100MNetwork TypeDHCP, PPPoE, Static IPDHCP, PPPoE, Static IPDHCP, PPPoE, Static IPPlaybackMax. 4 Channels SimultaneouslyMax. 8 Channels SimultaneouslyMax. 16 Channels SimultaneouslyPlaybackDate & Time / Event List / Time BarDate & Time / Event List / Time BarDate & Time / Event List / Time BarPlayback ModePlay, Fast Forward, Fast Rewind,Play, Fast Forward, Fast Rewind,Play, Fast Forward, Fast Rewind,Playback ModePlay, Fast Forward, Fast Rewind,Slow Motion, ZoomSlow Motion, ZoomCeneralPELCO-DPELCO-DPELCO-DPTZ ControlNoNoYesRestast Built-In, supports PELCO-P & NoYesYesBackup MethodHDD, USB, NetworkHDD, USB, NetworkYesPower Supply12V/2A12V/2A12V/5AOperating Temperature (W/O HDD)-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)Working Humidity10%~90%10%~90%10%~90%		Schedule	Schedule	Schedule / Sensor / Alarm
Network Yes Yes Yes Yes Plug & Play RJ45, 10M/100M RJ45, 10M/100M RJ45, 10M/100M RJ45, 10M/100M Network Interface RJ45, 10M/100M RJ45, 10M/100M RJ45, 10M/100M RJ45, 10M/100M Network Type DHCP, PPPoE, Static IP 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 Date & Time / Event List / Time Bar Date & Time / Event	HDD Interface	1 SATA	1 SATA	1 SATA
Plug & PlayYesYesYesNetwork InterfaceRJ45, 10M/100MRJ45, 10M/100MRJ45, 10M/100MNetwork TypeDHCP, PPPoE, Static IPDHCP, PPPoE, Static IPDHCP, PPPoE, Static IPPlaybackMax. 4 Channels SimultaneouslyMax. 8 Channels SimultaneouslyMax. 16 Channels SimultaneouslyPlaybackMax. 4 Channels SimultaneouslyMax. 8 Channels SimultaneouslyMax. 16 Channels SimultaneouslyPlaybackDate & Time / Event List / Time BarDate & Time / Event List / Time BarDate & Time / Event List / Time BarPlayback ModePlay, Fast Forward, Fast Rewind, Slow Motion, ZoomSlow Motion, ZoomSlow Motion, ZoomGeneralStats Dill-In, supports PELCO-P & PELCO-DRS485 Built-In, supports PELCO-P & PELCO-DPTZ ControlRS485 Built-In, supports PELCO-P & PELCO-DRS485 Built-In, supports PELCO-P & PELCO-DPELCO-DSensor & Alarm I/O PortNoNoYesNoNoYesStateBackup MethodHDD, USB, NetworkHDD, USB, NetworkHDD, USB, NetworkPower Supply12V/2A12V/2A12V/2AOperating Temperature (W/O HDD)-10°C to 50°C (14°F to 122°F)-10°C to 50°C (14°F to 122°F)Operating Temperature-20°C to 70°C (-4°F to 158°F)-20°C to 70°C (-4°F to 158°F)Working Humidity10%~90%10%~90%10%~90%	HDD Support	Up to 2TB	Up to 2TB	Up to 2TB
Network InterfaceRJ45, 10M/100MRJ45, 10M/100MRJ45, 10M/100MNetwork TypeDHCP, PPPoE, Static IPDHCP, PPPoE, Static IPDHCP, PPPoE, Static IPPlaybackMax. 4 Channels SimultaneouslyMax. 8 Channels SimultaneouslyMax. 16 Channels SimultaneouslyPlaybackDate & Time / Event List / Time BarDate & Time / Event List / Time BarDate & Time / Event List / Time BarPlayback ModePlay, Fast Forward, Fast Rewind, Slow Motion, ZoomPlay, Fast Forward, Fast Rewind, Slow Motion, ZoomPlay, Fast Forward, Fast Rewind, Slow Motion, ZoomCereralPTZ ControlRS485 Built-In, supports PELCO-P & PELCO-DRS485 Built-In, supports PELCO-P & PELCO-DSensor & Alarm I/O PortNoYesR Extender PortNoNoYesBackup MethodHDD, USB, NetworkHDD, USB, NetworkHDD, USB, NetworkPower Supply12V/2A12V/2A12V/5AOperating Temperature (W/O HDD)-10°C to 50°C (14°F to 122°F)-10°C to 50°C (14°F to 122°F)-20°C to 70°C (-4°F to 158°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)-20°C to 70°C (-4°F to 158°F)Working Humidity10%~90%10%~90%10%~90%10%~90%10%~90%	Network			
Network TypeDHCP, PPPoE, Static IPDHCP, PPPoE, Static IPPlaybackLocal PlaybackLocal PlaybackPl	Plug & Play	Yes	Yes	Yes
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 Slow Motion, Zoom General PELCO-D PELCO-D PELCO-D PELCO-D 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 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% 10%~90% <td>Network Interface</td> <td>RJ45, 10M/100M</td> <td>RJ45, 10M/100M</td> <td>RJ45, 10M/100M</td>	Network Interface	RJ45, 10M/100M	RJ45, 10M/100M	RJ45, 10M/100M
Local PlaybackMax. 4 Channels SimultaneouslyMax. 8 Channels SimultaneouslyMax. 16 Channels SimultaneouslyPlayback SearchDate & Time / Event List / Time BarDate & Time / Event List / Time BarDate & Time / Event List / Time BarPlayback ModePlay, Fast Forward, Fast Rewind, Slow Motion, ZoomSlow Motion, ZoomSlow Motion, ZoomGeneralPTZ ControlRS485 Built-In, supports PELCO-P & PELCO-DRS485 Built-In, supports PELCO-P & PELCO-DRS485 Built-In, supports PELCO-P & PELCO-DSensor & Alarm I/O PortNoNoYesIR Extender PortNoNoYesBackup MethodHDD, USB, NetworkHDD, USB, NetworkHDD, USB, NetworkPower Supply12V/2A12V/2A12V/2AOperating Temperature (W/O HDD)-10°C to 50°C (14°F to 122°F)-10°C to 50°C (14°F to 158°F)-20°C to 70°C (-4°F to 158°F)Working Humidity10%~90%10%~90%10%~90%10%~90%	Network Type	DHCP, PPPoE, Static IP	DHCP, PPPoE, Static IP	DHCP, PPPoE, Static IP
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 Date & Time / Event List / Time Bar 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 158°F) Storage Temperature 10%~90% 10%~90% 10%~90% 10%~90%	Playback			
Play back ModePlay, Fast Forward, Fast Rewind, Slow Motion, ZoomPlay, Fast Forward, Fast Rewind, Slow Motion, ZoomPlay, Fast Forward, Fast Rewind, Slow Motion, ZoomGeneralFPT ControlRS485 Built-In, supports PELCO-P & PELCO-DRS485 Built-In, supports PELCO-P & PELCO-DRS485 Built-In, supports PELCO-P & PELCO-DSensor & Alarm I/O PortNoNoYesIR Extender PortNoNoYesBackup MethodHDD, USB, NetworkHDD, USB, NetworkHDD, USB, NetworkPower Supply12V/2A12V/2A12V/2AOperating Temperature (W/O HDD)-10°C to 50°C (14°F to 122°F) -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)-20°C to 70°C (-4°F to 158°F)Working Humidity10%~90%10%~90%10%~90%10%~90%	Local Playback	Max. 4 Channels Simultaneously	Max. 8 Channels Simultaneously	Max. 16 Channels Simultaneously
Slow Motion, ZoomSlow Motion, ZoomSlow Motion, ZoomGeneralSlow Motion, ZoomSlow Motion, ZoomPTZ ControlRS485 Built-In, supports PELCO-P & PELCO-DRS485 Built-In, supports PELCO-P & PELCO-DPELCO-DPELCO-DPELCO-DSensor & Alarm I/O PortNoNoIR Extender PortNoNoBackup MethodHDD, USB, NetworkHDD, USB, NetworkPower Supply12V/2A12V/2AOperating Temperature (W/O HDD)-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)Working Humidity10%~90%10%~90%10%~90%	Playback Search	Date & Time / Event List / Time Bar	Date & Time / Event List / Time Bar	Date & Time / Event List / Time Bar
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 PELCO-D 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/2A 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) 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% 10%~90%	Playback Mode	Play, Fast Forward, Fast Rewind,	Play, Fast Forward, Fast Rewind,	Play, Fast Forward, Fast Rewind,
PTZ ControlRS485 Built-In, supports PELCO-P & PELCO-DRS485 Built-In, supports PELCO-P & PELCO-DRS485 Built-In, supports PELCO-P & PELCO-DPTZ ControlPELCO-DPELCO-DPELCO-DPELCO-DNoNoYesIR Extender PortNoNoYesBackup MethodHDD, USB, NetworkHDD, USB, NetworkHDD, USB, NetworkPower Supply12V/2A12V/2A12V/5AOperating Temperature (W/O HDD)-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)Working Humidity10%~90%10%~90%10%~90%		Slow Motion, Zoom	Slow Motion, Zoom	Slow Motion, Zoom
PELCO-D PELCO-D 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/2A 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) 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)	General			
Sensor & Alarm I/O Port 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% 10%~90%	PTZ Control	RS485 Built-In, supports PELCO-P &	RS485 Built-In, supports PELCO-P &	RS485 Built-In, supports PELCO-P &
No No Yes Backup Method HDD, USB, Network HDD, USB, Network HDD, USB, Network Power Supply 12V/2A 12V/2A 12V/2A 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% 10%~90%		PELCO-D	PELCO-D	PELCO-D
Backup MethodHDD, USB, NetworkHDD, USB, NetworkHDD, USB, NetworkPower Supply12V/2A12V/2A12V/5AOperating 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 Humidity10%~90%10%~90%10%~90%	Sensor & Alarm I/O Port	No	No	Yes
Power Supply 12V/2A 12V/2A 12V/2A 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%	IR Extender Port	No	No	Yes
Operating Temperature (W/O HDD) -10°C to 50°C (14°F to 122°F) -20°C to 70°C (-4°F to 158°F) -20°C to 70°C (-4°F to 158°C to 70°C (-4°F to 158°C to 70°C (-4°F to 158°C to 70°C (-4°F to 15	Backup Method	HDD, USB, Network	HDD, USB, Network	HDD, USB, Network
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%	Power Supply	12V/2A		12V/5A
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%	Operating Temperature (W/O HDD)	-10 $^\circ\!\mathbb{C}$ to 50 $^\circ\!\mathbb{C}$ (14 $^\circ$ F to 122 $^\circ$ F)	-10 $^\circ\!\!\mathbb{C}$ to 50 $^\circ\!\!\mathbb{C}$ (14 $^\circ\!\!F$ to 122 $^\circ\!\!F$)	-10°ℂ to 50°ℂ (14°F to 122°F)
Working Humidity 10%~90% 10%~90% 10%~90%	Storage Temperature			
	Working Humidity	· · · · · · · · · · · · · · · · · · ·	, , ,	
	Dimension (LxWxH) in mm	250x230x45	250x230x45	300x220x50

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

Camera Specification

Video KGUARD Fulcolor Image Sensor 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 -20~70°C / -4~158°F Storage Temperature Aluminum **Body Construction** 68x58x153mm Dimensions Camera with Stand (WxDxH) Weight - Camera with Stand 240g / 0.53lbs

Model Options:



All in One in the box





Camera



Remote Control



DVR





Slim Cable





Split Cable





HDMI Cable

Power Adapter (12V)







Warranty

Installation Guide

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

rouge warranty & technics We have our experienced technical support team to answer

any questions for more information, please visit kGUARD's website:www.kguardsecurity.com



Authorized KGUARD Security Distributor

KGUARD INFORMATION CO., LTD. (Headquarters) Address: 4F, No.113, Jian 2nd Rd., Jhonghe Dist., New Taipei City 23585 ,Taiwan (R.O.C.) TEL: +886-2-8228-6080 FAX: +886-2-8221-6857 Technical Support: support@kguardsecurity.com Sales Inquiry: sales@kguardsecurity.com Copyright © 2013 KGUARD INFORMATION CO., ITD. All Rights Reserved. KGUARD Security is trademark of KGUARD INFORMATION CO., LTD. Product features & specifications are subject to change without notice