



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	<b>DVR Specification</b>			
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