

# **DVR-F2108-L1H5**

# 8CH H.265+ 2MP Lite DVR



## **KEY FEATURES**

- Supports 8CH, 1SATA
- Support AHD/TVI/CVI/IP cameras up to 2MP
- Support H.264/H.264+/H.265/H.265+
- Supports Tamper & Video Loss Detection
- Support 3G/4G Wi-Fi
- Support Cloud storage

#### **INTERFACE**



### **SPECIFICATION**

Video Input       8ch BNC interface (1.0Vp-p, 75 Ω)         TVI / CVI /AHD       1080P, 720P         IPC       Up to 8ch Resolution up to 2MP         Audio Input       1-ch RCA (2.0 Vp-p, 1 KΩ)         Two way Talk       1-ch multiplex with Audio Input (RCA)         VIDEO & AUDIO OUTPUT       1ch, resolution:         HDMI       1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1280×720/60Hz 1024×768/60Hz         VGA       1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz         VGA       1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz         VGA       1024×768/60Hz         CVBS output       NA         Audio Output       1-ch RCA (Linear, 1kΩ)         RECORDING         Compression         Resolution       H.264/H.264+/H.265/H.265+         Resolution       1fps-15fps         Video Bit Rate       11Kbps-2707Kbps         Record Mode       Manual, Schedule, Alarm         Audio Compression       G.711a         Audio Bit Rate       64Kbps         PLAYBACK & BACKUP         Playback Mode       Normal/Time Division/ Label/ Event/ Picture Playback         Backup Mode       USB Device/Network         CLOUD FUNCTION       Usual Companies of Companies of Companies of Companies of C	VIDEO & AUDIO INPUT	VIDEO & AUDIO INPUT	
IPC  Audio Input  1-ch RCA (2.0 Vp-p, 1 KΩ)  Two way Talk  1-ch multiplex with Audio Input (RCA)  VIDEO & AUDIO OUTPUT  1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz  1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz  1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz  CVBS output  NA  Audio Output 1-ch RCA (Linear, 1kΩ)  RECORDING  Compression  H.264/H.264+/H.265/H.265+  Resolution  Frame Rate(fps) 1fps-15fps Video Bit Rate 1fkps-2707Kbps  Record Mode Manual, Schedule, Alarm  Audio Compression  G.711a  Audio Bit Rate 64Kbps  PLAYBACK & BACKUP  Playback Mode Playback Playback Mode VSB Device/Network  CLOUD FUNCTION  Cloud Storage Support  Cloud Upgrade Support  NETWORK  Ethernet  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Video Input	8ch BNC interface (1.0Vp-p, 75 $\Omega$ )	
Resolution up to 2MP Audio Input 1-ch RCA (2.0 Vp-p, 1 KΩ) Two way Talk 1-ch multiplex with Audio Input (RCA)  VIDEO & AUDIO OUTPUT  1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz 1420×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz  VGA 1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz  CVBS output NA Audio Output 1-ch RCA (Linear, 1kΩ)  RECORDING  Compression H.264/H.264+/H.265/H.265+ Resolution  Bach 1080P Lite@15fps; 960H1/D1/CIF real time  Frame Rate(fps) 1fps-15fps Video Bit Rate 11Kbps-2707Kbps Record Mode Manual, Schedule, Alarm Audio Compression G.711a Audio Bit Rate 64Kbps  PLAYBACK & BACKUP  Playback Mode Playback Mode Playback Mode VSB Device/Network  CLOUD FUNCTION  Cloud Storage Support  NETWORK  Ethernet  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface HTTPS,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	TVI / CVI /AHD	1080P, 720P	
Audio Input  Two way Talk  1-ch RCA (2.0 Vp-p, 1 KΩ)  Two way Talk  1-ch multiplex with Audio Input (RCA)  VIDEO & AUDIO OUTPUT  1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz 1ch, resolution: VGA  1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz  VGA  1920×2080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz  CVBS output  NA  Audio Output  1-ch RCA (Linear, 1kΩ)  RECORDING  Compression  H.264/H.264+/H.265/H.265+  8ch 1080P Lite@15fps; 960H1/D1/CIF real time  Frame Rate(fps)  1fps-15fps  Video Bit Rate  11Kbps-2707Kbps  Record Mode  Manual, Schedule, Alarm  Audio Compression  G.711a  Audio Bit Rate  64Kbps  PLAYBACK & BACKUP  Playback Mode  Playback Mode  Normal/Time Division/ Label/ Event/ Picture Playback  Backup Mode  USB Device/Network  CLOUD FUNCTION  Cloud Storage  Support  Cloud Upgrade  Support  NETWORK  Ethernet  1 R1-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS  P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD  NS, FTP, P2P	IPC	· ·	
Two way Talk  VIDEO & AUDIO OUTPUT  1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz. 1280×720/60Hz 1024×768/60Hz 1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz. 1280×720/60Hz 1024×768/60Hz  VGA  1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz 1024×768/60Hz  CVBS output  NA Audio Output 1-ch RCA (Linear, 1kΩ)  RECORDING  Compression H.264/H.264+/H.265/H.265+  Resolution  Frame Rate(fps) 1fps-15fps Video Bit Rate 11kbps-2707kbps  Record Mode Manual, Schedule, Alarm Audio Compression G.711a Audio Bit Rate 64Kbps  PLAYBACK & BACKUP  Playback Mode Playback Mode Playback Mode VSB Device/Network  CLOUD FUNCTION  Cloud Storage Cloud Upgrade Support  NETWORK  Ethernet  1 R1-45 10/100 Mbps self-adaptive Ethernet interface HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Audio Input		
VIDEO & AUDIO OUTPUTHDMI1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz, 1280×720/ 60Hz 1024×768/60HzVGA1920×1080/60Hz,1280×1024/60Hz, 1280×720/6 0Hz 1024×768/60HzCVBS outputNAAudio Output1-ch RCA (Linear, 1kΩ)RECORDINGCompressionH.264/H.264+/H.265/H.265+Resolution8ch 1080P Lite@15fps; 960H1/D1/CIF real timeFrame Rate(fps)1fps-15fpsVideo Bit Rate11Kbps-2707KbpsRecord ModeManual, Schedule, AlarmAudio CompressionG.711aAudio Bit Rate64KbpsPLAYBACK & BACKUPPlayback ModeNormal/Time Division/ Label/ Event/ Picture PlaybackPlayback Rate4ch PlaybackBackup ModeUSB Device/NetworkCLOUD FUNCTIONCloud StorageSupportCloud UpgradeSupportNETWORK1 RJ-45 10/100 Mbps self-adaptive Ethernet interface HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P			
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VGA  1920×1080/60Hz,1280×1024/60Hz, 1280×720/6 0Hz 1024×768/60Hz  CVBS output  NA  Audio Output  1-ch RCA (Linear, 1kΩ)  RECORDING  Compression  H.264/H.264+/H.265/H.265+  Resolution  Frame Rate(fps)  1fps-15fps  Video Bit Rate  11Kbps-2707Kbps  Record Mode  Manual, Schedule, Alarm  Audio Compression  G.711a  Audio Bit Rate  64Kbps  PLAYBACK & BACKUP  Playback Mode  Playback Mode  Playback Rate  4ch Playback  Backup Mode  USB Device/Network  CLOUD FUNCTION  Cloud Storage  Cloud Upgrade  Network Function  Support  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P		1ch, resolution: 1920×1080/60Hz,1280×1024/60Hz, 1280×720/	
Audio Output1-ch RCA (Linear, 1kΩ)RECORDINGCompressionH.264/H.264+/H.265/H.265+Resolution8ch 1080P Lite@15fps; 960H1/D1/CIF real timeFrame Rate(fps)1fps-15fpsVideo Bit Rate11Kbps-2707KbpsRecord ModeManual, Schedule, AlarmAudio CompressionG.711aAudio Bit Rate64KbpsPLAYBACK & BACKUPPlayback ModeNormal/Time Division/ Label/ Event/ Picture PlaybackBackup ModeUSB Device/NetworkCLOUD FUNCTIONCloud StorageSupportCloud UpgradeSupportNETWORKEthernet1 RJ-45 10/100 Mbps self-adaptive Ethernet interfaceNetwork FunctionP,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	VGA	1920×1080/60Hz,1280×1024/60Hz, 1280×720/6	
RECORDING  Compression H.264/H.264+/H.265/H.265+  Resolution 8ch 1080P Lite@15fps; 960H1/D1/CIF real time  Frame Rate(fps) 1fps-15fps  Video Bit Rate 11Kbps-2707Kbps  Record Mode Manual, Schedule, Alarm  Audio Compression G.711a  Audio Bit Rate 64Kbps  PLAYBACK & BACKUP  Playback Mode Normal/Time Division/ Label/ Event/ Picture Playback  Playback Rate 4ch Playback  Backup Mode USB Device/Network  CLOUD FUNCTION  Cloud Storage Support  Cloud Upgrade Support  NETWORK  Ethernet 1 RJ-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	CVBS output	NA	
Compression H.264/H.264+/H.265/H.265+  Resolution 8ch 1080P Lite@15fps; 960H1/D1/CIF real time Frame Rate(fps) 1fps-15fps Video Bit Rate 11Kbps-2707Kbps Record Mode Manual, Schedule, Alarm Audio Compression G.711a Audio Bit Rate 64Kbps  PLAYBACK & BACKUP  Playback Mode Normal/Time Division/ Label/ Event/ Picture Playback Playback Rate 4ch Playback Backup Mode USB Device/Network  CLOUD FUNCTION  Cloud Storage Support  Cloud Upgrade Support  NETWORK  Ethernet 1 RJ-45 10/100 Mbps self-adaptive Ethernet interface HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Audio Output	1-ch RCA (Linear, 1kΩ)	
Resolution  Ifps-15fps  Ifps-15fps  Video Bit Rate  I1Kbps-2707Kbps  Record Mode  Manual, Schedule, Alarm  Audio Compression  G.711a  Audio Bit Rate  PLAYBACK & BACKUP  Playback Mode  Playback Mode  Playback Rate  Ach Playback  Backup Mode  USB Device/Network  CLOUD FUNCTION  Cloud Storage  Cloud Upgrade  Support  NETWORK  Ethernet  I RJ-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	RECORDING		
time  Frame Rate(fps)  Ifps-15fps  Video Bit Rate  11Kbps-2707Kbps  Record Mode  Manual, Schedule, Alarm  Audio Compression  G.711a  Audio Bit Rate  64Kbps  PLAYBACK & BACKUP  Playback Mode  Playback Mode  Playback Rate  Backup Mode  USB Device/Network  CLOUD FUNCTION  Cloud Storage  Cloud Upgrade  Network  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Compression		
Video Bit Rate  Record Mode  Manual, Schedule, Alarm  Audio Compression  G.711a  Audio Bit Rate  64Kbps  PLAYBACK & BACKUP  Playback Mode  Playback Mode  Playback Rate  Backup Mode  USB Device/Network  CLOUD FUNCTION  Cloud Storage  Cloud Upgrade  NETWORK  Ethernet  Support  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Resolution		
Record Mode  Audio Compression  G.711a  Audio Bit Rate  64Kbps  PLAYBACK & BACKUP  Playback Mode  Playback Rate  4ch Playback  Backup Mode  USB Device/Network  CLOUD FUNCTION  Cloud Storage  Cloud Upgrade  Network  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Frame Rate(fps)	1fps-15fps	
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Playback Mode Playback Playback Rate Ach Playback Backup Mode USB Device/Network  CLOUD FUNCTION Cloud Storage Support Cloud Upgrade NETWORK  Ethernet  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Audio Bit Rate	64Kbps	
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Backup Mode  CLOUD FUNCTION  Cloud Storage  Support  Cloud Upgrade  NETWORK  Ethernet  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Playback Mode		
CLOUD FUNCTION  Cloud Storage Support  Cloud Upgrade Support  NETWORK  Ethernet 1 RJ-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Playback Rate	4ch Playback	
Cloud Storage  Cloud Upgrade  Support  NETWORK  Ethernet  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Backup Mode	USB Device/Network	
Cloud Upgrade  NETWORK  Ethernet  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	CLOUD FUNCTION		
NETWORK  Ethernet  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Cloud Storage	Support	
Ethernet  1 RJ-45 10/100 Mbps self-adaptive Ethernet interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Cloud Upgrade	Support	
interface  HTTPs,HTTP,TCP/IP,IPv4,UPnP,Onvif2.6,RTS  Network Function  P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD  NS, FTP, P2P	NETWORK		
Network Function P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD NS, FTP, P2P	Ethernet	interface	
Smart Phone IOS (iPhone, iPad), Android (Phone, Pad)	Network Function	P,RTCP,UDP,SMTP,IGMP,NTP,DHCP,DNS,DD	
	Smart Phone	IOS (iPhone, iPad), Android (Phone, Pad)	

HARD DISK	
SATA	1 HDD
Capacity	Up to 6TB capacity for each HDD
EXTERNAL INTERFACE	
Serial Interface	NA
USB Interface	2 × USB 2.0
GENERAL	
Power Supply	DC12V, 1.5A
Power Consumption	≤15W(without HDD)
Working Environment	-10°C~+55°C / 10%~90%RH
Dimension (W×D×H)	250 x 230 x 45mm
Weight (without HDD)	1.5kg
Certification	CE, BIS
SYSTEM MANAGEMENT	
Mobile Software	D-Link Smart Plus CCTV App
Desktop Software	D-Link Smart Video Surveillance 2.0
System Requirement for Web Interface	IE