

Hybrid recorder

XVR-414-I

XVR-814-I

XVR-1614-I



Main features:

Inputs

- H.265 + / H.265 / H.264 + / H.264
- Support for 1MPX / 1.3MPX / 2MPX / 3MPX / 4MPX high definition analog cameras (firmware version from 03-2018)
- 4/8/16 BNC video inputs (Turbo-HD / AHD / HD-CVI / PAL) + possibility to connect IP cameras
- Audio input / output: 1/1

Outputs

- HDMI /VGA /BNC

Data recording

- 1x SATA III (max. Supported disk capacity 6TB per interface), SMART function

Data transmission

- Fast ethernet 10M / 100Mbps or Gigabit 1000Mbps network card for XVR1614

Additional

- Support for simultaneous live view of the camera image, video archiving, free playback of stored files, uninterrupted signal sharing to the network, backup
- Support for immediate playback of the recording
- Quick search for recordings thanks to the "Smart search" function
- VQD (Recorded Video Quality Diagnosis) / Support for VCA (Intelligent Image Analysis)
- intelligent 3D positioning with PTZ cameras (via the network)
- Data transmission via UTP cable and coaxial cable at a distance of 1200m for 720p in the Turbo HD standard

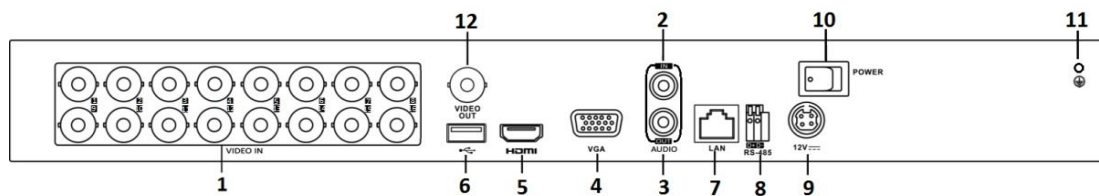
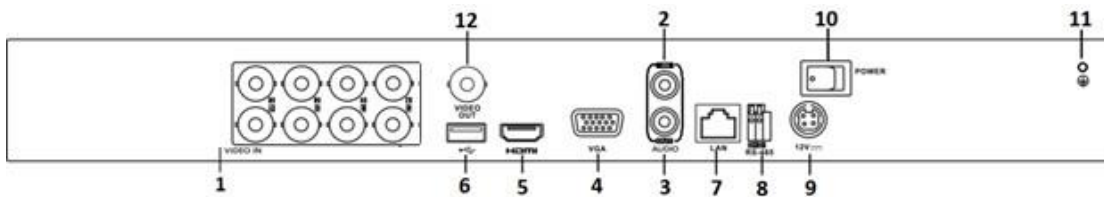
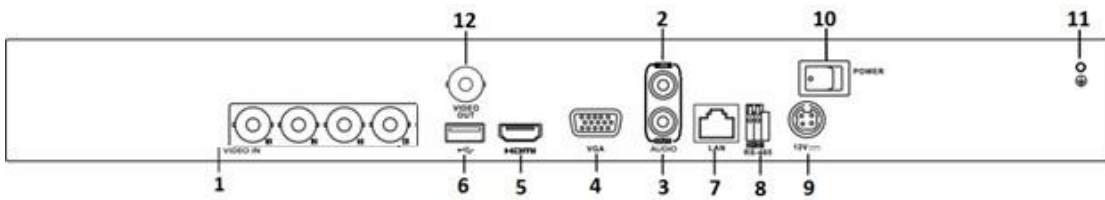
SPECIFICATIONS

Model		XVR-414-I	XVR-814-I	XVR-1614-I
Entrances Audio Video	Compression	H.265+/H.265/H.264+/H.264		
	Video Inputs	4 Channels	8 Channels	16 Channels
		BNC interface (1.0 Vp-p, 75 Ω),		
	Speed per channel for TVI / AHD / CVI	15 kl/s @ 4Mpx LT for TVI cameras (*4mpx for firmware from 03-2018) 15 kl/s @ 1920 × 1080 (2Mpx) 25 kl/s @ 960 × 1080 (1080 Lite) 25 kl/s @ 640 × 720 (720 Lite)		
	Speed per channel for IP	25 kl/s @ 2688×1520 (4Mpx) 25 kl/s @ 1920 × 1536 (3Mpx) 25 kl/s @ 1920 × 1080 (2Mpx) 25 kl/s @ 1280 × 720 (1Mpx)		
	Speed per channel for CVBS	12 kl/s @ 960 × 576 (WD1) 12 kl/s @ 704 × 576 (4CIF) 25 kl/s @ 640 × 480 (VGA) 25 kl/s @ 352 × 288 (CIF)		
	Image Standard	PAL/NTSC		
	IP Channels	1 Camera	2 Cameras	2 Cameras
		Resolution up to 4Mpx H.265 + / H.265 / H.264 + / H.264 compression		
	Image Analysis	VCA - Analytics for 4 channels: line crossing, intruder detection, scene change detection for one channel; VCA search		
	Audio Compression	G.711u		
	Audio connector	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
Exits Audio Video	Analog output BNC to the monitor	1-ch, BNC (1.0 Vp-p, 75 Ω), Resolution: PAL: 704 × 576, NTSC: 704 × 480		
	HDMI/VGA Outputs	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	OSD	Camera name, time, video loss, camera lock, motion detection, recording		
	Handling two streams	Yes		
	Video bit rate	From 32 Kbps till 6 Mbps		
	Audio output	1-ch, RCA (Linear, 1 KΩ) 64 Kbps		
	Synchronous video playback	4 Channels	8 Channels	16 Channels

Network	Remote connections	128		
	Network protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
	Remote preview	Internet Explorer browser, after installing the plug-in - Google Chrome, Firefox, Safari, mobile devices (iOS, Android, Windows Mobile)		
Hard drive	Archiving	USB / internal HDD / download via network / cloud, e.g. Dropbox, Google Drive, Microsoft OneDrive		
	Supported type disks and capacity	Sata III max. 6 TB		
Audio intercom	Bi-directions	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
Connectors	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
	USB Connectors	Front panel : 1 × USB 2.0 Back Panel : 1 × USB 2.0		Front Panel : 1 × USB 2.0 Back Panel : 1 × USB 3.0
	Serial interface	RS-485 (half-duplex)		
General	Power Supply	12 VDC		
	Power consumption without HDD	≤ 6 W	≤ 7.5 W	≤ 25 W
	Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)		
	Humidity	10% do 90% (non-condensing)		
	Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch) , 1U		
	Weight without HDD	≤ 1.16 kg (2.6 lb)	≤ 1.78 kg (3.9 lb)	≤ 2 kg (4.4 lb)



View of the connectors (back) and reference drawings



No	Description	No	Description
1	View BNC inputs	7	RJ45 Ethernet connector
2	Audio input	8	RS-485 Interface
3	Audio output	9	Power connector 12VDC
4	VGA Interface	10	Power switch
5	HDMI output	11	Ground
6	USB connectors	12	VGA output