



16CH 4K UNIVERSAL DVR

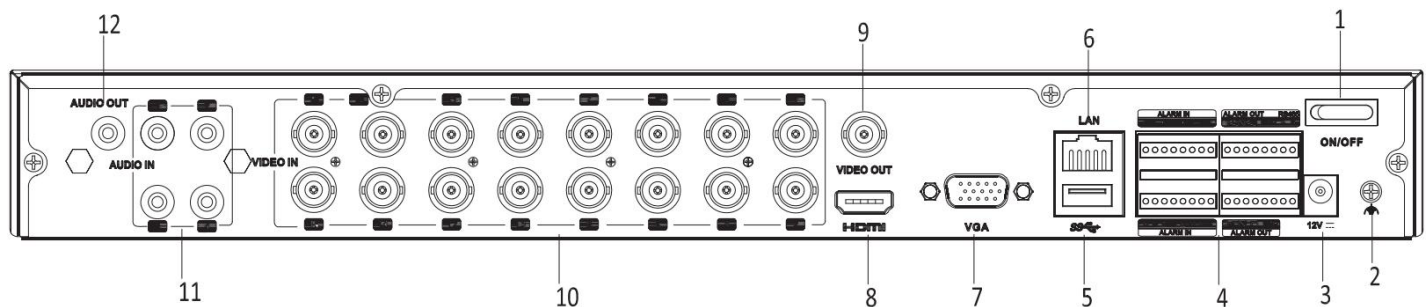
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Maximum 16 channels smart motion detection
- Audio In/Out: 4/1, Alarm In/Out: 16/4
- Bandwidth : 72Mbps
- All channels Audio over coaxial
- Maximum 20 channels IP Camera inputs, up to 4K
- Double Stream Recording



In short

This UVR device supports multiple video input formats, including HDCVI, AHD, TVI, CVBS, and IP, with a maximum of 20 IP channels and up to 4K resolution. It features 16 channels of smart motion detection, audio over coaxial for all channels, and has 4 audio inputs, 1 audio output, 16 alarm inputs, and 4 alarm outputs with a bandwidth of 72Mbps.

Rear Panel



Part	Name	Part	Name
1	Power Switch	7	VGA Port
2	Ground	8	HDMI Port
3	Power Input	9	Video Output Port
4	Alarm Input	10	Video Input Port
5	USB Port	11	Audio In RCA
6	Network Port	12	Audio Out RCA

*Designs and specifications are subjects to change without notice.

Technical Specifications

Video and Audio Input	
Analog Video Input	16-Channels (1.0Vp-p, 75 Ω)
HDTVI Input	8MP / 5MP / 4MP / 1080P / 720P
CVI Input	8MP / 4MP / 1080P / 720P
AHD Input	8MP / 5MP / 4MP / 1080P / 720P
CVBS Input	Supported
IP Video Input	Up to 20-Channels, Resolution up to 8MP
Audio Input	4-Channels, RCA (2.0Vp-p, 1K Ω)
Two-Way Audio	1-Channel, multiplex with Audio Input (RCA)
Video and Audio Output	
HDMI	1-Channel, Resolution: 4K (3840 \times 2160)/30Hz, 1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz
VGA	1-Channel, Resolution: 1920 \times 1080/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz
CVBS	1-Channel, BNC (1.0Vp-p,75 Ω) , Resolution: PAL: 704 x 576, NTSC: 704 x 480
Audio Output	1-Channel, RCA (Linear, 1k Ω)
Recording	
Video Compression	H.265+ / H.265 / H.264+ / H.264
Encoding Resolution	8MP / 5MP / 4 MP / 1080P / 1080P Lite / 720P / 960H / D1
Resolution	Main stream: 8MP @ 7fps, 8MP-N @ 15fps, 5MP @ 12fps, 4MP @ 15fps, 1080P/720P/960H/ D1 @ 25fps (P) /30fps (N)
Frame Rate	PAL: 1-25fps NTSC : 30fps
Video Bit Rate	11Kbps ~ 6769Kbps
Recording Mode	Manual, Schedule, Alarm
Audio Compression	G.711a
Audio Bit Rate	64kbps
Playback and Backup	
Playback Number	8-Channels: 8MP Playback 8-Channels: 8MP-N Playback
Playback Mode	Smart Playback: Enhanced playback with advanced search features, such as motion or object detection for faster review
	Normal Playback: Standard, continuous playback of recorded footage
	Segmented Playback: Splits recorded footage into time segments for easier navigation
	Tagged Playback: Allows playback of video segments that have been labeled or tagged for easy access
	Alarm Log Playback: Focuses playback on recorded events like motion detection or alarms
	Picture Playback: View recorded footage in still image format for detailed inspection
Backup Mode	USB Device / Network

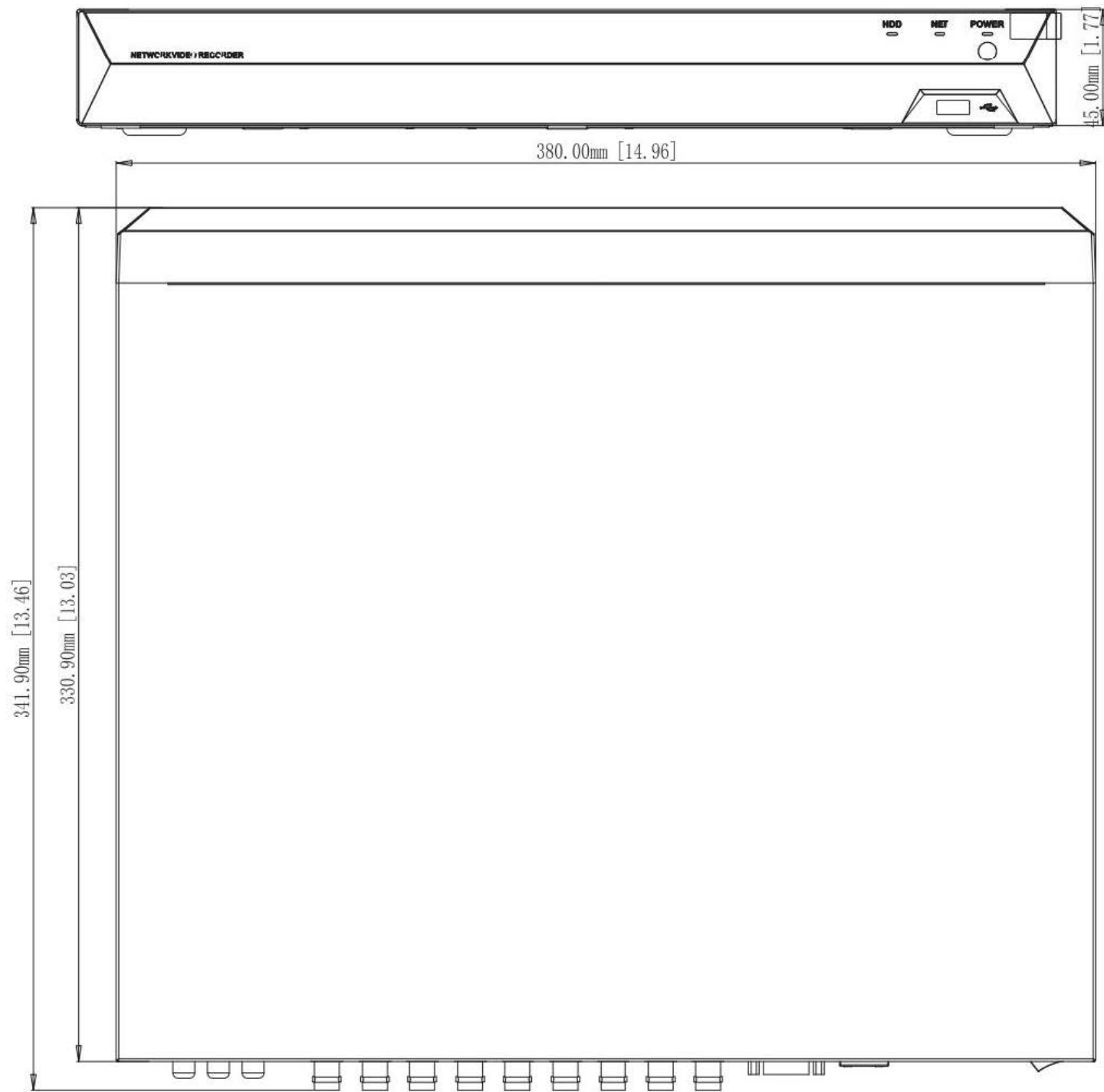
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Technical Specifications

Advanced Features	
Smart Detection Analog	16-Channels: line crossing detection, intrusion detection
Smart Detection IP Camera	Line crossing detection / Area intrusion detection
Smart Playback Analog	Line crossing / Are Intrusion / Motion Detection
Smart Playback IP Camera	Line crossing / Are Intrusion / Motion Detection
Cloud Storage	Support
Cloud Upgrade	Support
Network	
Ethernet	1 RJ-45 10/100/1000Mbps self-adaptive Ethernet interface
Network Function	HTTPs, HTTP, TCP/IP, IPv4, UPnP, Onvif 2.6, RTSP, RTCP, UDP, SMTP, SNMP, Multicast, IGMP, NTP, DHCP, DNS, DDNS, FTP, P2P
Hard Disk	
SATA	2 SATA Interfaces
Capacity	Up to 8TB for each HDD
External Interface	
Serial Interface	1*Standard RS-485 (Half-Duplex)
USB Interface	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 3.0
Alarm In	16-Channels
Alarm Out	4-Channels
General	
Power Supply	DC12V, 2A
Power Consumption	≤20W (without HDD)
Working Environment	-10°C ~ 55°C (14°F ~ 131°F) Humidity 10% to 90%
Dimension (W × D × H)	380 × 330.9 × 45 mm (14.96" × 13.03" × 1.77")
Weight	7.27 lb / 3.3.Kg

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Dimensions



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