

16ch Analog x 8ch IP, 8MP Resolution, Hybrid NVR



16 x 8 Hybrid NVR

HNR162X

- > Fully Adheres to National Defense Authorization Act (NDA A) Guidelines
- > 16 analog x 8 IP Cameras, Hybrid network recorder with H.265 Compression
- > Simultaneously supports 16 Analog (AHD, TVI, CVI and CVBS) and 8 IP Video Inputs with adaptive access (or up to 24 IP channels if no analog cameras are connected)
- > Supports High Definition Analog (HD Analog) over Coax Technology for use of Existing Coax Cables & BNC Connectors, allowing mega-pixel video images from AHD, TVI and CVI camera without any rewiring
- > Supports recording of up to 8MP Resolution for HD Analog and IP Cameras
- > Concurrent Mirrored Display on HDMI and VGA Monitor Outputs
- > HDMI display resolution up to 8MP
- > Supports Audio I/O and PTZ Camera control
- > Easy Plug and Play Functionality with Automatic Device Discovery and Display
- > Supports 2 SATA HDD up to 10TB each
- > ONVIF Profile S Compliant for IP Cameras
- > Long transmission distance over RG-6 coax cable up to 2000ft (600m)
- > Supported by uniview tec Guard Station Client Software and Guard Viewer Mobile App's for iPhone and Android Devices

www.univiewtechnology.com

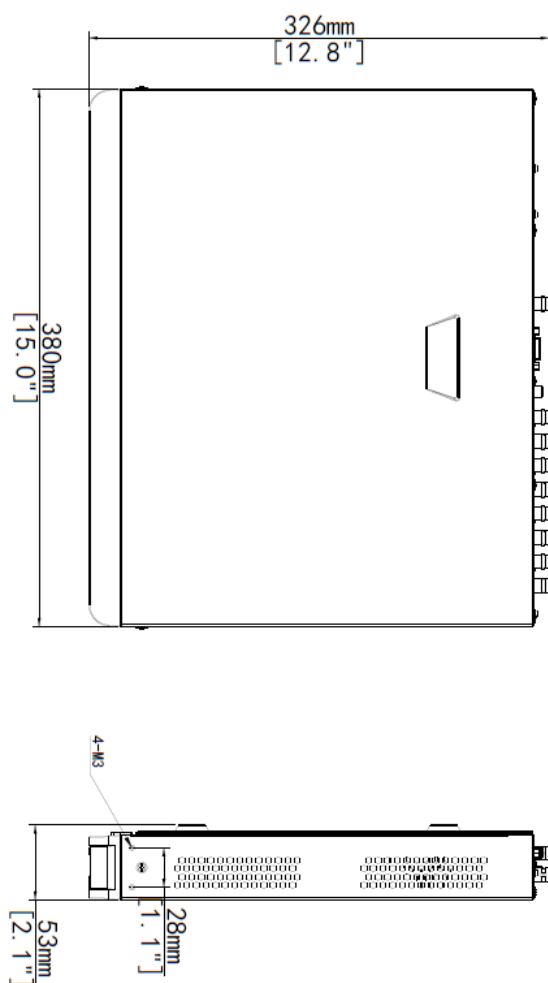
Specifications

Video & Audio Inputs	
Analog Video Input	16-ch, BNC
IP Video Input	8-ch (only IP up to 24ch); each channel up to 8MP
Supported Analog Camera Types	Support AHD input: 8MP @ 15fps 5MP @ 20fps 4MP @ 30fps 1080P @ 30fps 720P @ 30fps Support TVI input: 8MP @ 15fps 5MP @ 20fps 4MP @ 30fps 1080P @ 30fps 720P @ 30fps Support CVI input: 8MP @ 15fps 5MP @ 25fps 4MP @ 30fps 1080P @ 30fps 720P @ 30fps Support CVBS input
Audio Input	1-ch, RCA
Audio Compression	G.711U
Video & Audio Outputs	
CVBS Output	1-ch, BNC
VGA Output	1920 x 1080p / 60Hz, 1920 x 1080p / 50Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz
HDMI Output	3840 x 2160 / 30Hz, 1920 x 1080p / 60Hz, 1920 x 1080p / 50Hz, 1600 x 1200 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz, 1024 x 768 / 60Hz
Audio Output	1-ch, RCA
Synchronous Playback	16
Live view display	HDMI / VGA: 1 / 4 / 6 / 8 / 9 / 16 / 25
Two-way Audio	1-ch, RCA

Network		
Incoming Bandwidth	80Mbps (Up to 112Mbps after all analog channel conversion)	
Outgoing Bandwidth	160Mbps	
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP	
Supported Browsers	IE(IE10/11) for Windows; Firefox (version 52.0 and above) for Windows; Chrome(version 45 and above) for Windows; Edge(version 79 and above) for Windows	
Encoding		
Recording Resolution	8MP Lite / 5MP Lite /4MP Lite / 1080P / 720P / CIF	
Recording Frame Rate	Main stream	Sub stream
	8MP Lite @ 8fps	D1 @ 8fps
	5MP Lite @ 12fps	D1 @ 12fps
	4MP Lite @ 15fps	D1 @ 15fps
	1080P @ 15fps	D1 @ 15fps
	720p @ 30fps	D1 @ 30fps
Audio Sample Rate	8KHz,16 bit per channel	
Audio Bit Rate	64Kbps per channel	
Decoding		
Capability (fps)	Analog: 16 x 8MP Lite @ 8, 16 x 5MP Lite @ 12, 16 x 4MP Lite @ 15, 16 x 1080P @ 15, 16 x 720P @ 30 IP: 24 x D1 @ 30, 16 x 720P @ 30, 8 x 1080P @ 30	
Hard Disk Drives		
SATA	2 SATA Interface	
Capacity	Up to 10TB for each HDD	
System Alarm		
General Alarm	Motion detection	
Alert Alarm	IP Conflict, Network Disconnected, Disk offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal	
External Interface		
Network Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interface	
USB Interface	Rear panel: 1 x USB3.0, Front panel: 1 x USB2.0	
Serial Interface	1 x RS485	
Alarm In	4	
Alarm Out	1	

General	
Power Supply	12V DC; Power Consumption: ≤ 12 W(without HDD)
Working Environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH(non-condensing)
Dimensions (W × D × H)	380 × 326 × 53mm (15 × 12.8 × 2.1")
Weight (without HDD)	2Kg (4.4lb)
General	
Certifications	FCC, CE (UL – Power Supply only)

Dimensions



Models

HNR162X-2T	HNR162X-4T
HNR162X-8T	HNR162X-16T

Accessories

4KTESTMON	Multi-Function Video Test Monitor
NSW081P	8-Port PoE Switch
NSW162PX	16-Port PoE Switch
RCKERS2	Rack Ears

Rear Panel

