

### ***8ch Analog x 4ch IP, 8MP Resolution, Hybrid NVR***



*8 x 4 Hybrid NVR*

### ***HNR081X***

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > 8 analog x 4 IP Cameras, Hybrid network recorder with H.265 Compression
- > Simultaneously supports 8 Analog (AHD, TVI, CVI and CVBS) and 4 IP Video Inputs with adaptive access (or up to 12 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 1 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

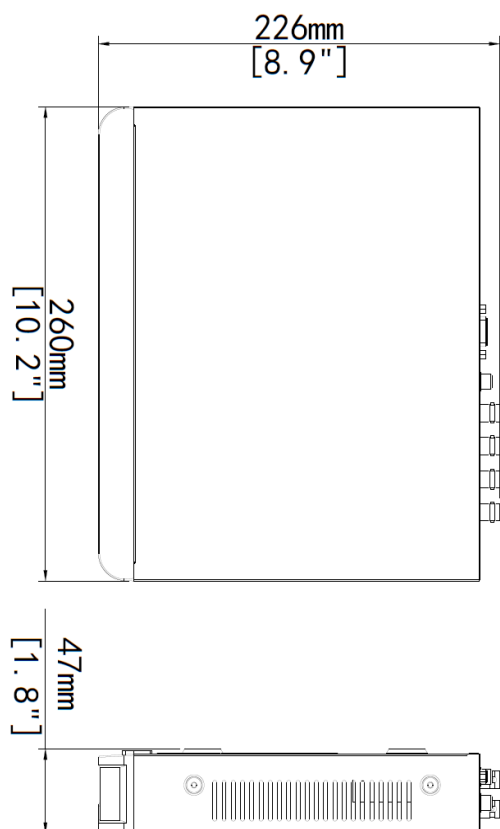
## Specifications

Video & Audio Inputs	
Analog Video Input	8-ch, BNC
IP Video Input	4-ch (only IP up to 12ch); each channel up to 8MP
Supported Analog Camera Types	<b>Support AHD input:</b> 8MP @ 15fps 5MP @ 20fps 4MP @ 30fps 1080P @ 30fps 720P @ 30fps <b>Support TVI input:</b> 8MP @ 15fps 5MP @ 20fps 4MP @ 30fps 1080P @ 30fps 720P @ 30fps <b>Support CVI input:</b> 8MP @ 15fps 5MP @ 25fps 4MP @ 30fps 1080P @ 30fps 720P @ 30fps <b>Support CVBS input</b>
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	8
Live view display	HDMI / VGA: 1 / 4 / 6 / 8 / 9 / 16
Two-way Audio	1-ch, RCA

Snapshot		
FTP/Schedule/Event Snapshot	8-ch snapshot, up to 704 x 576 resolution	
Network		
Incoming Bandwidth	40Mbps (Up to 56Mbps after all analog channel conversion)	
Outgoing Bandwidth	64Mbps	
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, DHCP, 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	<b>Main stream</b>	<b>Sub stream</b>
	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: 8 x 8MP Lite @8, 8 x 5MP Lite @12, 8 x 4MP Lite @15, 8 x 1080P @15 IP: 1 x 8MP @ 30, 2 x 4MP @ 30, 4 x 1080P @ 30	
Hard Disk Drives		
SATA	1 SATA Interface	
Capacity	Up to 10TB for each HDD	
Smart Alarm		
VCA Detection	Ultra Motion Detection (UMD) for analog: 8-ch	
VCA Search	Behavior Search	
General 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 self-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0
Serial Interface	1 x RS485
Alarm In	4-ch
Alarm Out	1-ch
General	
Power Supply	12V DC; Power Consumption: ≤ 10 W( without HDD )
Working Environment	-10°C ~ + 55°C ( +14°F ~ +131°F ), Humidity ≤ 90% RH(non-condensing)
Rack Ears	
Dimensions (W × D × H)	260 × 226 × 47mm (10.2 × 8.9 × 1.8")
Weight (without HDD)	1.1Kg (2.42lb)
Certifications	FCC, CE (UL – Power Supply only)

## Dimensions



## Models

HNR081X-2T                      HNR081X-4T  
HNR081X-8T

## Accessories

4KTESTMON    Multi-Function Video Test Monitor  
NSW08PX      8-Port PoE Switch  
RCKERS1      Rack Ears

## Rear Panel

