4ch Analog x 2ch IP, 8MP Resolution, Hybrid NVR

4 x 2 Hybrid NVR
HNR041X

> Fully Adheres to National Defense Authorization Act (NDAA) Guidelines

> 4 analog x 2 IP Cameras, Hybrid network recorder with H.265 Compression

> Simultaneously supports 4 Analog (AHD, TVI, CVI and CVBS) and 2 IP Video Inputs with adaptive access (or up to 6 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 4MP for 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

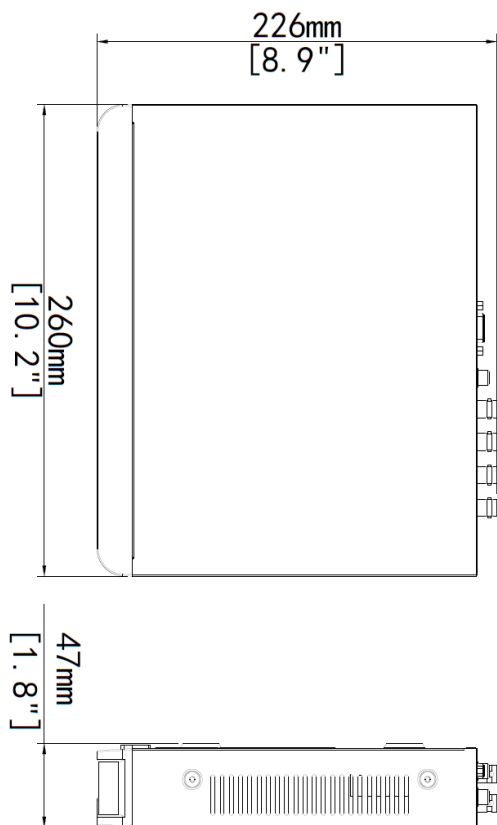| Video & Audio Inputs	
Analog Video Input	4-ch, BNC
IP Video Input	2-ch (only IP up to 6ch); each channel up to 4MP
Supported Analog Camera Types	**Support AHD input:** 8MP @ 15fps 5MP @ 20fps 4MP @ 30fps 1080P @ 30fps 720P @ 30fps **Support TVI input:** 8MP @ 15fps 5MP @ 20fps 4MP @ 30fps 1080P @ 30fps 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	4
Live view display	HDMI / VGA: 1 / 4 / 6 / 8 / 9
Two-way Audio	1-ch, RCA

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Snapshot	
FTP/Schedule/Event Snapshot	4-ch snapshot, up to 704*576 resolution

Network	
Incoming Bandwidth	40Mbps (Up to 48Mbps after all analog channel conversion)
Outgoing Bandwidth	48Mbps
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	**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: 4 x 8MP Lite @ 8, 4 x 5MP Lite @ 12, 4 x 4MP Lite @ 15, 4 x 1080P @ 15 IP: 1 x 4MP @ 30, 2 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:4-ch
VCA Search	Behavior Search

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

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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)
Dimensions (W × D × H)	260 × 226 × 47mm (10.2 × 8.9 ×1.8")
Weight (without HDD)	1.1Kg (2.42lb)
General	
Certifications	FCC, CE (UL – Power Supply only)

Dimensions

Models

HNR041X-1T	HNR041X-2T
HNR041X-4T	HNR041X-8T

Accessories

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

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