

N2 Series 5-in-1 Hybrid HD Analog Recorders

N2HVR4 4-Channel
N2HVR8 8-Channel
N2HVR16 16-Channel



NORTHERN VIEW

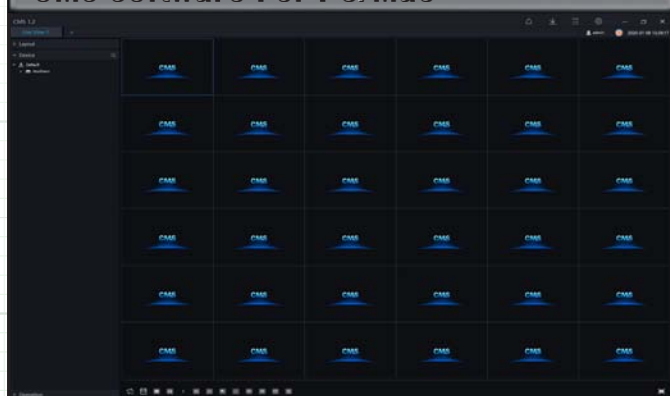
Free Mobile App for iPhone,
iPad, Android & Android Tablets

FEATURES:

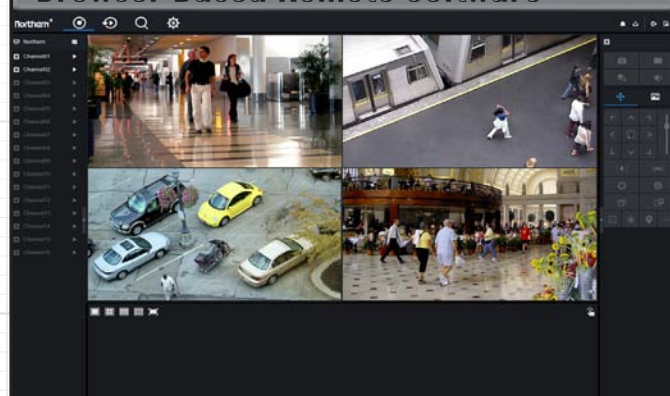
- ◆ Compatible with TVI, CVI, AHD & 960H Formats
- ◆ Up to 5MP Lite Analog Recording @ 10FPS
- ◆ Up to 1080p Analog Recording @ 15FPS
- ◆ Full Hybrid - All Channels Analog or IP
- ◆ Up to 1080p IP Camera Recording
- ◆ Up to 8TB Storage Capacity (4Ch & 8 Ch)
- ◆ Up to 16TB Storage Capacity (16Ch)
- ◆ H.264 & H.265 Recording Compression
- ◆ NorthernView Mobile App for iPhone, iPad & Android
- ◆ Compatible with IE Browser
- ◆ Built-in Motion Detection & Privacy Mask
- ◆ UTC Control (Camera Dependent)
- ◆ Up to 16Ch Synchronous Playback
- ◆ Free CMS Software Included
- ◆ Supports P2P Operation
- ◆ Included Mouse for Control
- ◆ Front & Rear USB
- ◆ HDMI & VGA Main Monitor Outputs
- ◆ BNC Spot Monitor Output
- ◆ Built in Audio / Built in Alarm (8 & 16 Ch.)

N2 Series 5-in-1 Hybrid HD Analog Recorders

CMS Software For PC/Mac



Browser Based Remote Software



Learn More

5-in-1 Compatibility

N2HVR Series is compatible with IP Cameras and the following HD Analog Camera Formats: TVI, CVI, AHD & 960H.

Mobile Apps for iPhone, iPad & Android

View & Playback Video from multiple mobile devices with the Free NorthernView mobile app.

Up to 16TB Storage Capacity

Large Hard Disk storage capacity allows for longer storage of recorded video. 16TB Max for 8 & 16 Channel, 8TB Max for 4 Channel Models.

H.265 Compression

H.265 compression format provides both increased video quality and reduced bandwidth consumption.

Up to 5MP Analog Recording

See increased detail with up to 5MP Lite recording on all N2HVR Series recorders. (10FPS Max).

Free CMS Software for PC & Mac

Connect to multiple DVR's from a single computer with the included N2 CMS software. Also compatible with all N2 Series Northern IP Cameras & N2 Series NVR's.

HDMI, VGA & BNC Monitor Outputs

Simultaneously display video via HDMI, VGA and BNC main monitor output.

P2P Operation

Peer to Peer function in NorthernView app makes set up easier by bypassing the need to configure port forwarding in most routers.

Remote Accessibility

Remotely connect, monitor, playback, record and change DVR settings via IE browser.

UTC Control of Camera OSD

Up the Coax control can be used to access the OSD menu and configure cameras settings from the DVR locally or remotely.

Additional IP Recording

4 Channel models can record an additional 2 IP cameras. 8 Channel models can record an additional 4 IP Cameras and 16 Channel models can record up to 8 IP cameras.

Full Hybrid Recorders

Disabling all Analog Channels allows for recording up to 6 IP Cameras on 4 Ch models, 12 IP Cameras on 8Ch models and 24 IP Cameras on 16Ch models.

Supports DDNS

DDNS insures you will always stay connected to your DVR when using a Dynamic IP address.

Hard Drive Configurations / Part Numbers / Package Contents

DRIVE SIZE	4 Channel	8 Channel	16 Channel
2TB	N2HVR42T	N2HVR82T	N2HVR162T
4TB	N2HVR44T	N2HVR84T	N2HVR164T
6TB	N2HVR46T	N2HVR86T	N2HVR166T
8TB	N2HVR48T	N2HVR88T	N2HVR168T
12TB	N/A	N2HVR812T	N2HVR1612T
16TB	N/A	N2HVR816T	N2HVR1616T

PACKAGE CONTENTS

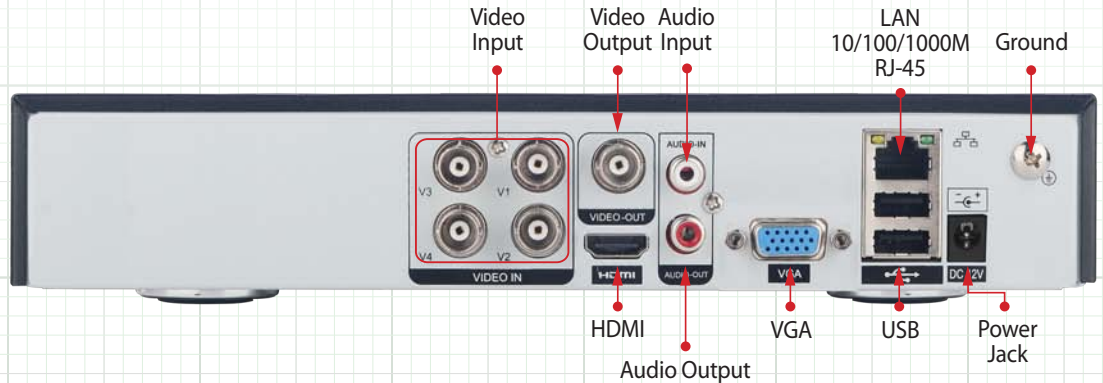
1. Power Supply / Cord
1. Quick Start Manual
2. Rack Mount Ears (8 & 16Ch)
1. Mouse



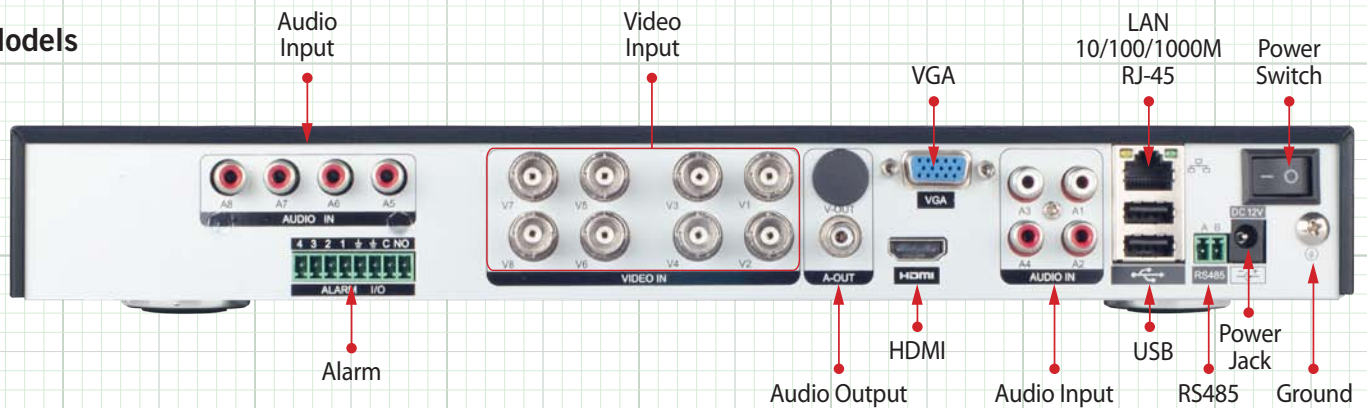
N2 Series 5-in-1 Hybrid HD Analog Recorders

Rear Panel Definitions / Connections

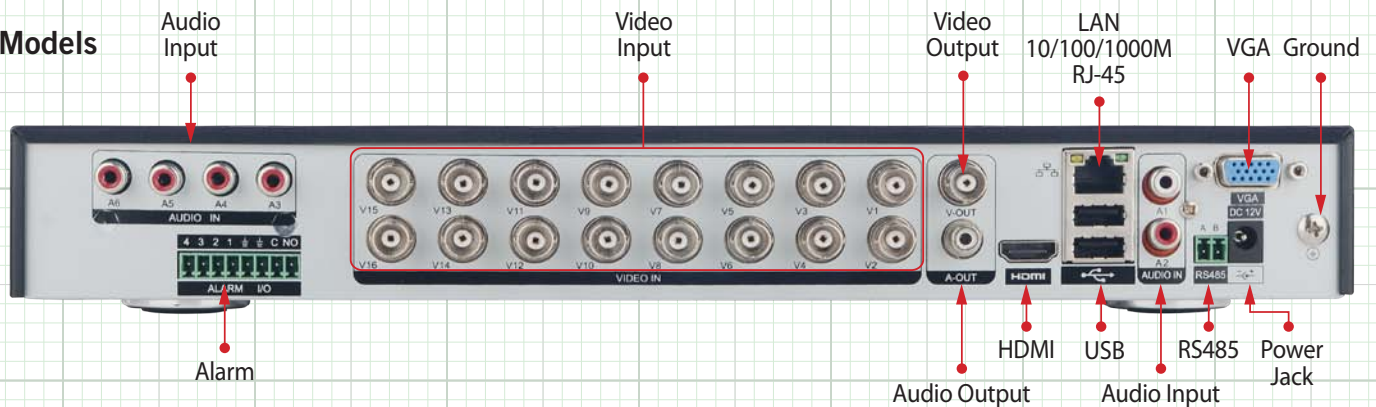
4 Ch. Models



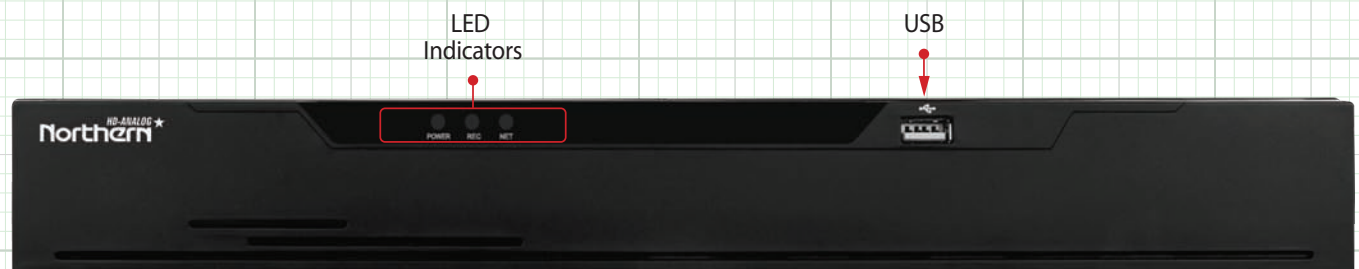
8 Ch. Models



16 Ch. Models



Front Panel Controls & Connections



N2 Series 5-in-1 Hybrid HD Analog Recorders

N2HVR Series Specifications

	FEATURES	N2HVR4	N2HVR8	N2HVR16
Video/Audio Input	Video Compression	H.265+, H.265, H.264+, H.264		
	Analog Video Input	4-Channel	8-Channel	16-Channel
		BNC Interface (1.0Vp-p, 75Ω)		
	TVI/CVI/AHD/Formats	5MP / 4MP / 3MP / 1080p / 720p		
	960H Format	PAL / NTSC		
	IP Channels (1080p Max)	4+2	8+4	16+8
	Audio Compression	G.711A		
Audio Input	1-Ch. RCA Input	8-Ch RCA Inputs	6-Ch RCA Inputs	
Video/Audio Output	BNC Output	1x CVBS 640x480 Max	N/A	1x CVBS 640x480 Max
	HDMI Output	1x HDMI 3840x2160, 1920x1080, 1440x900, 1280x1024		
	VGA Output	1x VGA 1920x1080, 1280x1024, 1280x720		
	Frame Rate	Main Stream: 10FPS @ 5MP Lite, 7FPS @ 4MP, 15 FPS @ 1080p/720p		
		Sub Stream: 15FPS @ 704x480, 640x360, 480x270, 352x288		
	Record Resolution	960x576(960H), 1280x720(720p), 1280x1440(4MP-Lite), 1920x1080(1080p), 1280x1920(5MP-Lite), 2560x1440(4MP)		
	Video Bit Rate	Main Stream: 126Kbps ~ 6144Kbps / Sub Stream: 16Kbps ~ 1024Kbps		
	Audio Output	1-Channel RCA Output		
	Audio Bit Rate	128kbps		
	Dual Stream	Yes - Supports		
	Stream Type	Video / (Audio Recording Stream Enabled via Record Setup)		
	Synchronous Playback	4 Channel	8 Channel	16 Channel
	Multi Screen Viewing	1, 4, 6	1, 4, 8, 12	1, 4, 8, 9, 16, 24, 25
Network Mgmt.	Remote Connections	Up to 4 Simultaneous Connections		
	Network Protocols	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP		
Hard Disk	SATA	1 x SATA	2 x SATA	
	Capacity	Up to 8TB	Up to 16TB	
Ext. Interface	Network Interface	1 RJ-45 port (10/100Mbps)		
	USB Interface	USB x 2 (Front & Rear)		
	Serial Interface	N/A	1 x RS485	
	Alarm In/Out	N/A	4 In / 1 Out	
	Mobile App	NorthernView Mobile App for iPhone, iPad & Android		
General	Power Supply	DC 12Volt, 2Amp	DC 12Volt, 4Amp	
	Consumption (no drives)	Max 5W	Max 10W	
	Operating Temp	-10 °C ~ 50 °C (14 °F ~ 122 °F)		
	Operating Humidity	Less than 90% RH		
	Dimensions (L x W x H)	2.1"x 9.6"x 1.7" (55 x 244 x 44mm)	13.8" 12" x 1.9" (350 x 305 x49mm)	
	Certifications	CE / FCC		
	Chassis	Non Rack Mount	1U Rack Mountable	
	Weight (no drives)	1.9lb, 900g	3.9lb, 1.8kg	5.5lb. 2.5kg

Note: Specification subject to change without notice