

## N2 Series 5-in-1 Hybrid HD Analog Recorders

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



### NORTHERN VIEW

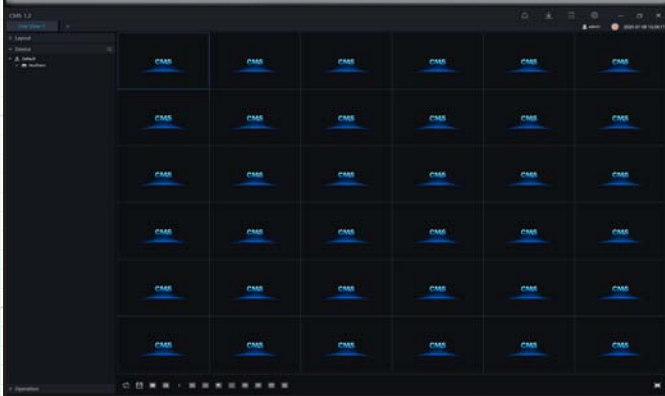
Free Mobile App for iPhone,  
iPad, Android & Android Tablets

### FEATURES:

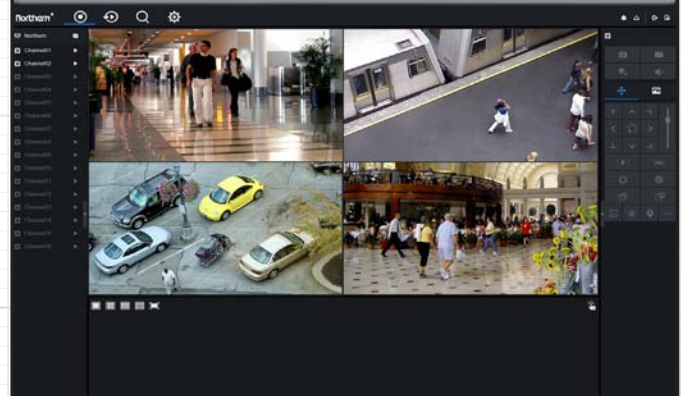
- ◆ Compatible with TVI, CVI, AHD & 960H Formats
- ◆ Up to 5MP Lite Analog Recording @ 10FPS
- ◆ Up to 1080p Analog Recording @ 15FPS
- ◆ Full Hybrid - All Channels Analog or IP
- ◆ Up to 1080p IP Camera Recording
- ◆ Up to 8TB Storage Capacity (4Ch & 8 Ch)
- ◆ Up to 16TB Storage Capacity (16Ch)
- ◆ 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

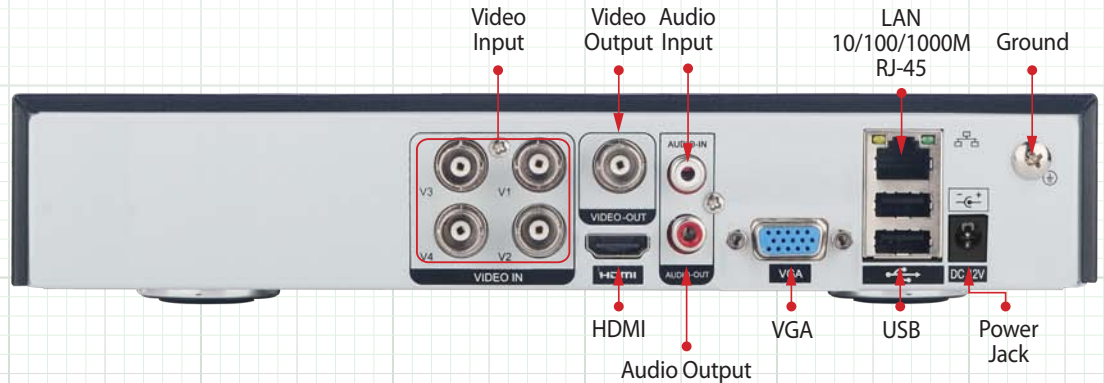
1. Power Supply / Cord
1. Quick Start Manual
2. Rack Mount Ears (8 & 16Ch)
1. Mouse



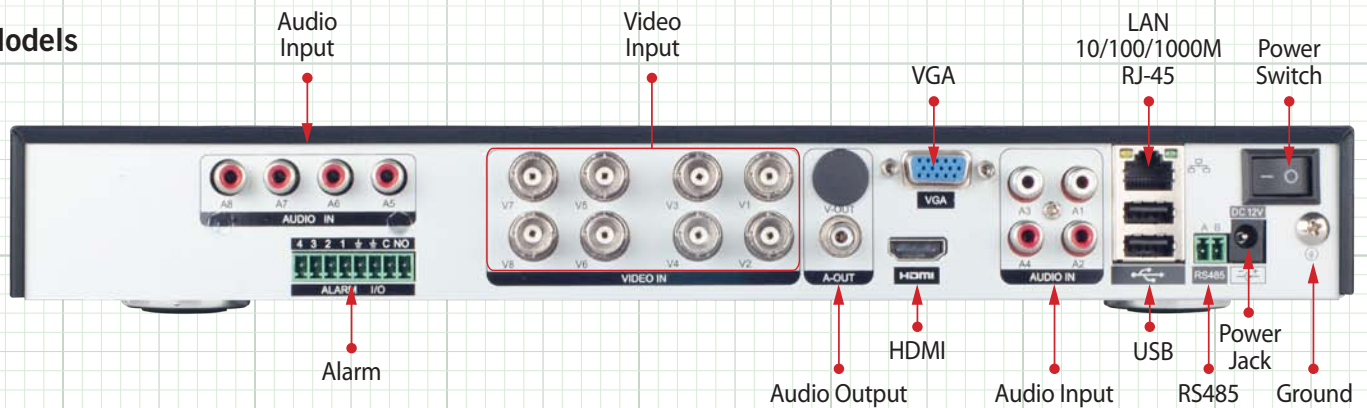
## N2 Series 5-in-1 Hybrid HD Analog Recorders

### Rear Panel Definitions / Connections

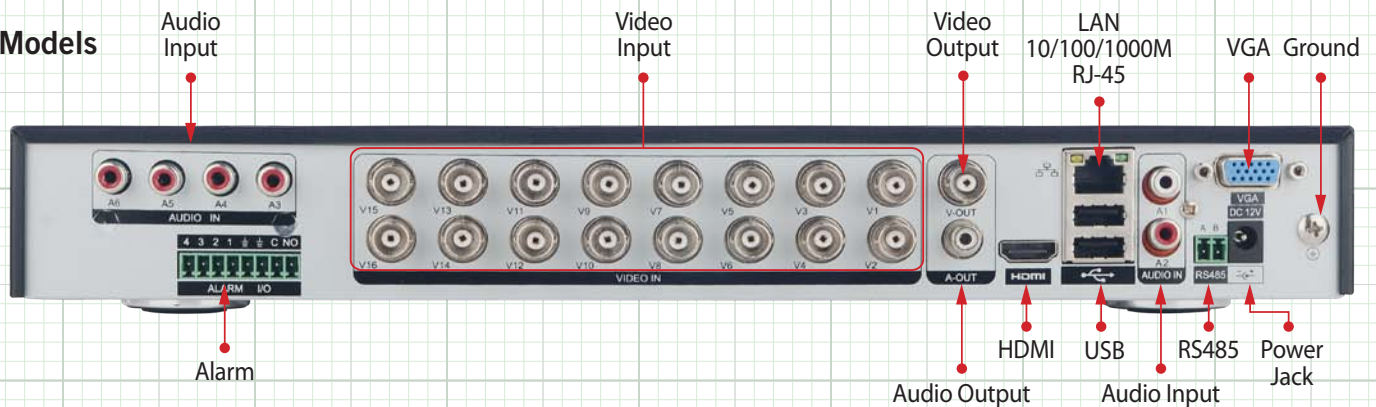
#### 4 Ch. Models



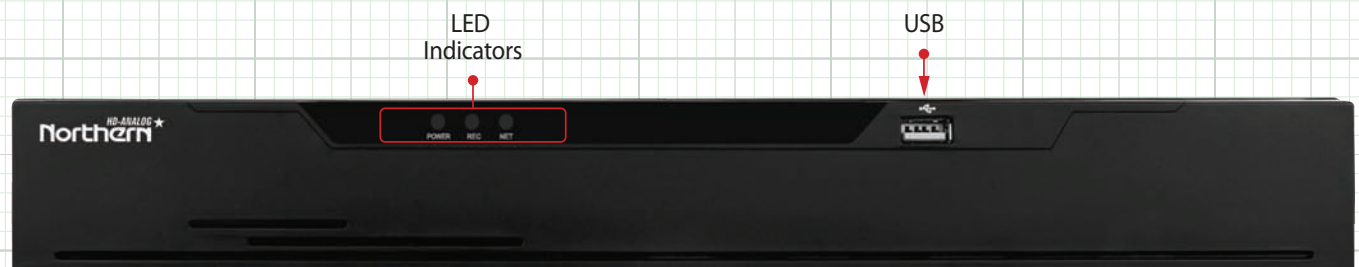
#### 8 Ch. Models



#### 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