



N3 HVR Series Models	N3HVR4	N3HVR8	N3HVR16	4-in-1 HD Camera Models	HDTIR90WD	HDAFDIR90INWD	HDAFDIR90WD	HDAFBIR120WD	HDBIR60WD	HDEIR60	HDDWMIR
Analog Camera Inputs	4 Ch.	8 Ch.	16 Ch.	Max Resolution	2 Megapixel, 1920 x 1080p						
Additional IP Camera Channels	+2	+4	+8	Multiple Formats	TVI - CVI - AHD - 960H Selectable						
Video Output	Simultaneous VGA & HMDI Main Monitor Outputs			Video Output	Single Main Output - Multiple Format Selectable via OSD Joystick or Dipswitch						
Record Resolution	Up to 8MP Lite @ 7FPS Up to 1080p @ 15FPS			Lens Size	2.8mm	2.8-12mm Autofocus	2.8-12mm Autofocus	2.8-12mm Autofocus	2.8mm	2.8mm	2.8mm
Total IP Channel w/ Analog Disable	6	12	24	True Wide Dynamic Range	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	True WDR 120dB	Digital WDR	Digital WDR
IP Record Resolution	1080p Max			IR LED Count	1 High Power	15 IR LED	15 IR LED	30 IR LED	24 IR LED	18 IR LED	12 IR LED
Record Modes	Manual, Schedule (Regular, Continuous), Motion Detection, Alarm In			IR LED Range	90'	90'	90'	120'	60'	60'	60'
Audio Input (RCA)	1	8	6	True D/N IR Corrective	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Audio Output	1-Channel RCA Output			UTC Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Max Storage Size	8TB	16TB	16TB	OSD Joystick	Cable Mount						
Rack Mounting	N/A	Yes	Yes	Power Requirement	250mA Max	290mA Max	290mA Max	550mA Max	390mA Max	280mA Max	450mA Max
Free Mobile App	NorthernView Mobile App for iPhone, iPad, Adroid & Android Tablets			Housing Color	White	White	White	White	White	White	Gray
Software Included	Northern CMS, Utility Tool			Temp Rating	-14°F ~ 131°F	14°F ~ 131°F	-14°F ~ 131°F	-14°F ~ 131°F	-14°F ~ 131°F	-14°F ~ 131°F	-14°F ~ 122°F
				Weatherproof Rating	IP67	Indoor Only	IP66	IP67	IP66	IP66	IP66



4-in-1 HD Camera Models	HDMEIR90	HDMEIR90W	HDMBIR120	HDMBIR120W	HDBIR60	HDBVFIR120	HDDWIDE	HDLPCAM	HDPTZ33X	HDBXWDR
Max Resolution	2 Megapixel, 1920 x 1080									5 Megapixel 2688 x 1944
Multiple Formats	TVI - CVI - AHD - 960H Selectable									
Video Output	Single Main Output - Multiple Format Selectable via OSD Joystick, Dipswitch or Back Panel									
Lens Size	Motorized 2.8-12mm	Motorized 2.8-12mm	Motorized 2.8-12mm	Motorized 2.8-12mm	3.6mm	2.8-12mm	2.5mm (150° FoV)	Motorized 9-22mm	33x Optical Zoom	C/CS Mount Lens Sold Separately
True Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	True WDR 120dB
IR LED Count	24IR LED	24IR LED	42 IR LED	42 IR LED	18 IR LED	30 IR LED	24 IR LED	42 IR LED	12 High Power LED	N/A
IR LED Range	90'	90'	120'	120'	60'	120'	60'	50'	450'	N/A
True D/N IR Corrective	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UTC Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OSD Joystick	Cable Mount	Cable Mount	OSD Hatch	OSD Hatch	Cable Mount	Cable Mount	Cable Mount	OSD Hatch	N/A	Back Panel
Power Requirement	430mA Max	430mA Max	600mA Max	600mA Max	350ma Max	550mA Max	350mA Max	900mA Max	2.5A Max	180mA Max
Housing Color	Gray	White	Gray	White	White	White	White	White	White & Black	White & Black
Temp Rating	-14°F ~ 122°F	-14°F ~ 122°F	-14°F ~ 122°F	-14°F ~ 122°F	-14°F ~ 122°F	-14°F ~ 122°F	-14°F ~ 122°F	-22°F ~ 122°F	-40° ~ 140°F	14°F ~ 140°F
Weatherproof Rating	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	Indoor Only