FLIR IP™

DNR400 Series NVR

DNR408P2 (NTSC model)
8 channels, 8 PoE+ Support, 200 Mbps, 2TB HDD

DNR416P2 (NTSC model)
16 channels, 8 PoE+ Support, 200 Mbps, 2TB HDD

DNR408P2P (PAL model)
8 channels, 8 PoE+ Support, 200 Mbps, 2TB HDD

DNR416P2P (PAL model)
16 channels, 8 PoE+ Support, 200 Mbps, 2TB HDD

FLIR's DNR400 Series NVRs further accelerate high definition recording, offering higher capacity 200 Mbps processing for real-time recording with cameras up to 5MP. With eight integrated Power over Ethernet (PoE) inputs and PoE+ support, installation is made simple. No programming or configuration is necessary as the NVR automatically discovers FLIR IP Cameras on the network. Plus, drive mirroring enables back-up recordings to the second internal hard disk drive to keep data secure.

HIGHER CAPACITY PROCESSING
Real-time recording in Full HD on each channel

• Turbo 200 Mbps network bit rate

• Supports HD real-time recording with cameras up to 5MP

• Pentaplex operation - simultaneous View, Record, Playback, Backup & Remote Monitoring

EASY INSTALLATION
Integrated PoE inputs for quick, convenient connection

• 8 integrated PoE ports with PoE+ support

• 120watt total PoE (up to 25w/channel)

• Auto-discovery of FLIR IP Cameras with no programming

REDUNDANT RECORDING
Back-up to keep data secure

• Drive mirroring to second internal HDD

• Supports 2x SATA HDDs up to 4TB (8TB total)

• Instant back-up via 2x USB 2.0 ports

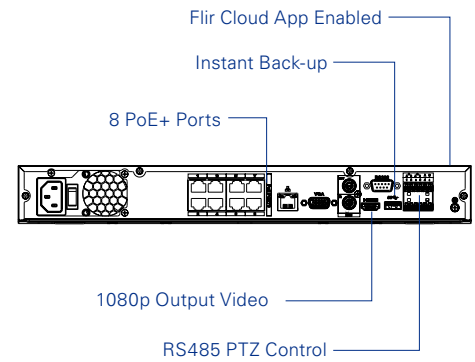## FLIR CLOUD – QUICK & SECURE REMOTE VIEWING
Remote access via iOS, Android, PC / Mac with FLIR Cloud

• Set up remote viewing in three easy steps: install FLIR Cloud app, scan QR code on DVR, view live video

• Multisite viewing on FLIR Cloud CMS for PC / Mac

• Premium services coming soon

FLIRCloud™

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Specifications

NVR Specifications System	DNR408P2 / DNR408P2P	DNR416P2 / DNR416P2
Operating System	Linux (embedded)	
Pentaplex	Simultaneous view, record, playback, backup & remote monitoring	
Number of Channels	8/16 Channels	
Inputs/Outputs		
Video IN	8/16 ch: 8 PoE Video Input	
Video OUT	No	
VGA OUT	Yes	
HDMI	Yes	
Audio IN	1 Line IN (RCA) for 2–way audio	
Audio OUT	1 Line OUT (RCA) for 2–way audio	
USB Port	1 at the back, 1 at the front	
Alarm IN	4 Alarm IN	
Alarm OUT	2 Alarm OUT	
Video Output Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	
PTZ Control	RS-485, supports Pelco-D and Pelco-P	
Display		
Live Display	1,4,8	1, 4, 8, 9, 16
Live Display Speed	240 NTSC, 200 PAL	480 NTSC, 400 PAL
OSD	ON/OFF	
System Navigation	USB mouse, IR remote controller, front panel	
Motion Area Setting	Adjustable grid (22x18)	
Sensitivity	Levels 100	
Firmware Upgrade	Automatic over the Internet & via USB device and network	
User Authority	By user group	
Time Synchronization	Auto time sync by NTP server	
Recording		
Compression	H.264	
Recording Resolution*	720P (1280x720), 1080P (1920x1080), 3MP (2028x1536), 5MP (2560x1920)	
Record Rate	NTSC 8 ch: 240FPS @ 720P / 1080P / 3MP / 5MP, 16 ch: 480FPS @ 720P / 1080P / 3MP / 5MP PAL 8 ch: 200FPS @ 720P / 1080P / 3MP / 5MP, 16 ch: 400FPS @ 720P / 1080P / 3MP / 5MP	
Recording Quality Control	6 levels	
Recording Schedule	By hour, by day, by recording mode, by motion, by channel	
Pre Recording	Max. 30 Seconds	
Post Recording	Max. 5 Minutes	
Reliability	Watch-Dog, auto-recovery after power failure	
Covert Video	Yes	
Playback and Backup		
Playback Channel	8/16 ch: 1/4	
Playback Speed	Variable Max 16x	
Playback Players	Backup Player	
Search	By time & event	
Log Search	Up to 1,000 lines for motion detected, configuration changes, connects/disconnects and video loss	
Audio Play	Yes (audio camera required)	
Storage & Archive		
Storage	8/16 ch: Up to 2 HDD's (SATA)	
Playback Speed	8/16 ch: Up to 2x4TB	
Playback Players	Backup Media USB flash drive & HDD	
Search	DAV or ASF file	

Flir Cloud App Enabled

Instant Back-up

8 PoE+ Ports

1080p Output Video

RS485 PTZ Control

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Specifications

NVR Specifications Cont. Connectivity	DNR408P2 / DNR408P2P	DNR416P2 / DNR416P2
Cloud Connection	FLIR Cloud™	
Supported Operating Systems	Windows™, Mac OSX	
Remote Software	Client Software (PC/Mac)	
Email Notification	Text with snapshot	
Instant Smart Phone & Tablet Support	iPad®, iPhone®, Android™	
DDNS Free	FLIR DDNS	
System Configuration	Full setup configuration over network	
Ports	Programmable by User	
Network Protocol	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter	
Network Bit Rate	200Mbs total, 48~8192kbps per camera	
Network Protocol	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter	
IP Cameras Supported	FLIR, Digimerge, Panasonic, Sony, Dynacolor, Samsung, AXIS, Arecont, Bosch, Canon, Honeywell, Pelco, Panasonic, Vivotek	
NVR General Information		
Power Consumption	Approx. 20 watts (No HDD Installed)	
Supply Voltage	100VAC-240VAC, 50/60Hz	
Total PoE Power Output (across all channels)	120W (Max 25W per Camera)	
Unit Weight	2.0kg / 4.4lbs	
Dimensions (W x H x D)	267mm x 203mm x 46mm / 10.5" x 8.0" x 1.8"	
Operating Temperature	14° ~ 131° F / –10° ~ 55° C	
Humidity	10 ~ 90% RH	

Recording Resolution (Pixels) & Speed (FPS – Frames per Second)

Model	FPS	720P 1280x720	1080P 1920x1080	3MP 2028x1536	5MP 2560x1920
8ch	Total	240	240	240	240
	Per channel	30	30	30	30
16ch	Total	480	480	480	480
	Per channel	30	30	30	30

Ordering Information

DNR408P2: 8-41430-00926-9
8 channels (NTSC)
2TB HDD

DNR416P2: 8-41430-00924-5
16 channels (NTSC)
2TB HDD

DNR408P2P: 8-41430-01103-3
8 channels (PAL)
2TB HDD

DNR416P2P: 8-41430-01104-0
16 channels (PAL)
2TB HDD

Package Dimensions

DNR400 Series: 17.4 x 6.0 x 13.5" / 441 x 152 x 342mm
DNR400P Series: 17.4 x 6.0 x 13.5" / 441 x 152 x 342mm

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