



DNR408R2 (NTSC model)
8 Channels, 8 PoE+ Support, 200Mbps, 2TB HDD
DNR416R2 (NTSC model)
16 Channels, 16 PoE+ Support, 200Mbps, 2TB HDD

FLIR IP™

DNR400R Series NVR

FLIR's DNR400R Series NVRs further accelerate high definition recording, offering higher capacity 200Mbps processing for real-time recording with cameras up to 4MP. With 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.

HIGH PERFORMANCE VIDEO PROCESSING

Smooth video recording up to 4MP resolution

- Turbo 200Mbps network bit rate
- Supports high definition recording with cameras up to 4MP
- Pentaplex Operation – simultaneous view, record, playback, backup & remote monitoring

EASY INSTALLATION

Integrated PoE inputs for quick, convenient connection

- 8/16 integrated PoE ports with PoE+ support
- ONVIF 2.3 conformance
- 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™

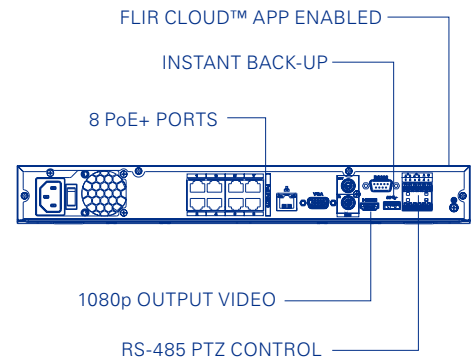
- Set up remote viewing in three easy steps: install FLIR Cloud™ app, scan QR code on NVR, view live video
- Multisite viewing on FLIR Cloud™ CMS for PC / Mac
- Premium services coming soon



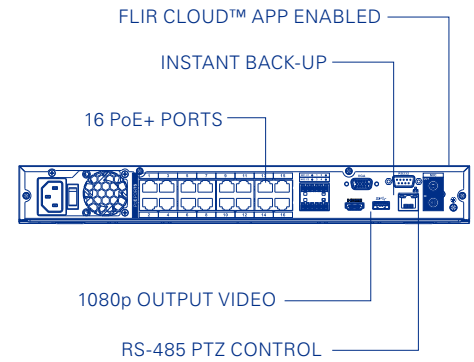
Specifications

NVR Specifications System	DNR408R2/P	DNR416R2/P
Operating System	Linux (embedded)	
Pentaplex	Simultaneous view, record, playback, backup & remote monitoring	
Number of Channels	8 Channels	16 Channels
Inputs/Outputs		
Video IN	8 PoE Video Inputs	16 PoE Video Inputs
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	1920x1080, 1280x1024, 1280x720, 1024x768	
PTZ Control	RS-485, supports Pelco-D and Pelco-P	
Display		
Live Display	1,4,8	
Live Display Speed	240 NTSC, 200 PAL	480fps NTSC, 400fps 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), 4MP (2688x1520)	
Record Rate	NTSC: 240FPS @ 720p/1080p/3MP/4MP PAL: 200FPS @ 720p/1080p/3MP/4MP	NTSC: 480FPS @ 720p/1080p/3MP/4MP PAL: 400FPS @ 720p/1080p/3MP/4MP
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	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	Up to 2 HDDs (SATA)	
Playback Speed	Up to 2x4TB	
Playback Players	Backup Media USB flash drive & HDD	
Search	DAV or ASF file	

8 Channel



16 Channel



Specifications

NVR Specs Cont.		DNR408R2/P	DNR416R2/P
Connectivity			
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	200Mbps 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. 20W (No HDD Installed)		
Supply Voltage	100VAC-240VAC, 50/60Hz		
Total PoE Power Output (across all channels)	120W (Max 25W per camera)	150W (Max 25W per camera)	
Unit Weight	4.4lbs / 2.0kg	7.3lbs / 3.3kg	
Dimensions (W × H × D)	10.5 × 8.0 × 1.8" / 267 × 203 × 46mm	14.8 × 12.9 × 2.1" / 376 × 328 × 53mm	
Operating Temperature	14° ~ 131° F / -10° ~ 55° C		
Humidity	10 ~ 90% RH		

Recording Resolution (Pixels) & Maximum Speed (FPS - Frames per Second)					
Model	FPS	720P 1280x720	1080P 1920x1080	3MP 2028x1536	4MP 2688x1520
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

DNR408R2: 8-41430-01409-6
8 channels (NTSC)
2TB HDD

DNR416R2: 8-41430-01400-3
16 channels (NTSC)
2TB HDD

Package Dimensions

DNR400R Series: 17.5 × 6.7 × 17.3" / 445 × 170 × 439mm

MARKHAM, ONTARIO

FLIR Systems, Inc.
250 Royal Crest Court
Markham, ON L3R 3S1
Canada
PH: +1 866.344.4674

PORTLAND

Corporate Headquarters
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
USA
PH: +1 866.477.3687

www.flir.com/security
NASDAQ: FLIR

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice. ©2016 FLIR Systems, Inc. All rights reserved. [Created 06/09/16]