

FLIR IP™

# DNR210 SERIES

4K High Definition NVR



DNR214  
4 Channels, 4 PoE+ Support, Max 8TB HDD



DNR218  
8 Channels, 8 PoE+ Support, Max 8TB HDD



FLIR's DNR210 Series NVRs further accelerate high definition recording, with cameras up to 8MP (4K). With four/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.

## HIGH PERFORMANCE VIDEO PROCESSING

*Smooth video recording up to 4K resolution*

- Supports 4K recording with cameras up to 8MP (4K)
- Pentaplex Operation – view, record, playback, backup & remote monitoring

## EASY INSTALLATION

*Integrated PoE inputs for quick, convenient connection*

- 4/8 integrated PoE ports with PoE+ support (25W per channel)
- Auto-discovery of FLIR IP Cameras with no programming

## BACKUP & RECORDING

*Back-up to keep data secure*

- Supports 1x SATA HDD up to 8TB
- Instant back-up via 2x USB 2.0 ports

## FLIR CLOUD™ – QUICK & SECURE REMOTE VIEWING

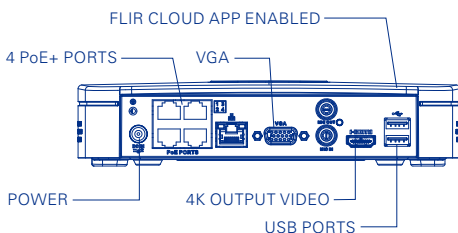
*Remote access via iOS, Android, PC / Mac with FLIR Cloud™*

- 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

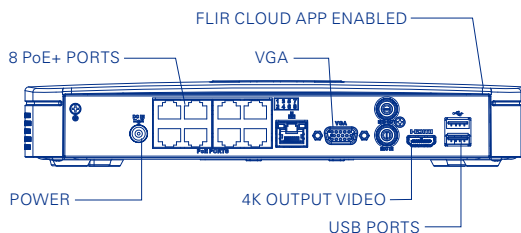
# Specifications

NVR Specifications	DNR214/P	DNR218/P
<b>System</b>	Linux (embedded)	
Operating System	Linux (embedded)	
Pentaplex	View, record, playback, backup & remote monitoring	
Number of Channels	4 Channels	8 Channels
<b>Inputs/Outputs</b>		
Video IN	4 PoE Video Inputs	8 PoE Video Inputs
BNC OUT	No	
VGA OUT	Yes	
HDMI	Yes	
Audio IN	1 Line IN (RCA) for service only	
Audio OUT	1 Line OUT (RCA) for service only	
USB Port	2 back panel	2 back panel
Alarm IN	N/A	
Alarm OUT	N/A	
Video Output Resolution	4K (3840x2160), 4MP, 1080p (1920x1080), 1280x1024, 1280x720, 1024x768	
PTZ Control	FLIR IP PTZ cameras only	
<b>Display</b>		
Live Display	1,4	1,4,8
Live Display Speed	120fps NTSC, 100fps PAL	240fps NTSC, 200fps PAL
OSD	ON/OFF	
System Navigation	USB mouse, IR remote controller, front panel buttons	
Motion Area Setting	Fixed 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	
<b>Recording</b>		
Video Compression	H.264 / H.265	
Audio Compression	G.711	
Recording Resolution	720p (1280x720), 1080p (1920x1080) ~ 4K-8MP (3840x2160)	
Record Rate	140fps@720p/1080p/3MP/4MP/8MP(4K)	240fps@720p/1080p/3MP/4MP/8MP(4K)
Recording Quality Control	6 levels	
Recording Schedule	By hour, by day, by recording mode, by motion, by alarm, by channel	
Pre Recording	Max. 4 Seconds	
Post Recording	Max. 5 Minutes	
Reliability	Watch-Dog, auto-recovery after power failure	
Covert Video	Yes	
<b>Playback</b>		
Playback Channel	1/4/8	
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)	
<b>Storage &amp; Archive</b>		
Storage	1 HDD (SATA)	
Maximum Capacity	Up to 1x8TB SATA (max)	
Backup Media	USB flash drive & HDD	
Backup File Format	DAV or ASF file	

## 4 Channel



## 8 Channel



## Specifications

NVR Specs Cont.		DNR214/P	DNR218/P
<b>Connectivity</b>			
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	Android™, iPad®, iPhone®		
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 Interface	10/100-Base-TX, RJ-45		
<b>NVR General Information</b>			
Power Consumption	10 watts (No HDD Installed)	12 watts (No HDD Installed)	
Supply Voltage	100VAC-240VAC, 48V DC, 1.5A, 50/60Hz	100VAC-240VAC, 48V DC, 2A, 50/60Hz	
Total PoE Power Output (across all channels)	50W (Max 25W per Camera)	120W (Max 25W per Camera)	
Unit Weight	1.1lbs / 0.5kg (without HDD)	1.5lbs / 0.7kg (without HDD)	
Dimensions (W x H x D)	8.1 x 1.8 x 8.1" / 205 x 45 x 205mm	10.6 x 1.8 x 8.1" / 270 x 45 x 205mm	
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 2048x1536	4MP 2688x1520	4K 3840x2160
4ch	Total	120	120	120	120	120
	Per channel	30	30	30	30	30
8ch	Total	240	240	240	240	240
	Per channel	30	30	30	30	30

### Ordering Information

DNR2141	4 channels (NTSC), 1TB HDD	8-41430-01849-0
DNR2142	4 channels (NTSC), 2TB HDD	8-41430-01850-6
DNR2181	8 channels (NTSC), 1TB HDD	8-41430-01892-6
DNR2182	8 channels (NTSC), 2TB HDD	8-41430-01851-3
DNR2183	8 channels (NTSC), 3TB HDD	8-41430-01852-0

DNR214P2 4 channels (PAL), 2TB HDD 8-41430-01089-0

### Package Dimensions

DNR214: 14.2 x 10.2 x 3.7" / 361 x 259 x 94mm  
DNR218: 16.7 x 10.2 x 3.7" / 424 x 259 x 94mm

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