



DNR110 Series /  
DNR110P Series\*

# FLIR IP™

## PoE HIGH DEFINITION NVR

FLIR's DNR110 Series NVRs feature powerful high-speed HD recording. Installation is made simple with integrated PoE and auto-detection of the cameras upon connection. With high bit rate processing, the NVR records at full resolution per channel at real-time.

### HIGHER CAPACITY PROCESSING

*Real-time recording in Full HD on each channel*

- Supports HD recording with cameras up to 5MP
- Pentaplex operation - simultaneous View, Record, Playback, Backup & Remote Monitoring
- 80Mbps network bit rate processing

### EASY INSTALLATION

*Integrated PoE inputs for quick, convenient connection*

- 4/8 integrated PoE ports
- 50Watt total PoE (up to 25W per channel)
- Auto-discovery of FLIR IP Cameras with no programming

### BACKUP & RECORDING

*Back-up to keep data secure*

- Supports SATA HDD up to 4TB
- 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

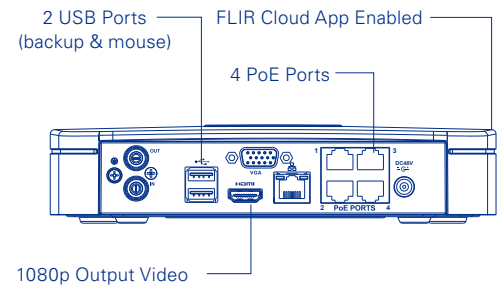


\*4 channel model shown

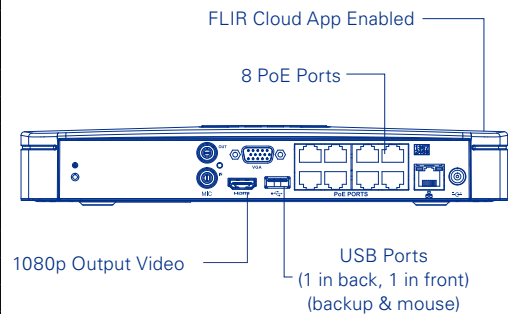
## Specifications

NVR Specifications		DNR110/P Series	
<b>System</b>			
Operating System	Embedded LINUX		
Pentaplex	Simultaneous View, Record, Playback, Backup, and Remote Monitoring		
Number of Channels	4/8 Channel		
<b>Inputs/Outputs</b>			
Video IN	4 ch: 4 PoE Video Input / 8 ch: 8 PoE Video Input		
Video OUT	Yes		
VGA OUT	Yes		
HDMI	Yes		
Audio IN	1 Line IN (RCA) for two-way audio		
Audio OUT	1 Line OUT (RCA) for two-way audio		
USB Port	4ch: 2 at the back 8ch: 1 at the back, 1 at the front		
Alarm IN	No		
Alarm OUT	No		
Video Output Resolution	1920x1080, 1280x1024, 1280x720, 1024x768		
PTZ control	FLIR IP PTZ cameras only		
<b>Display</b>			
Live Display	4ch: 1, 4 / 8ch: 1, 4, 8		
Live Display Speed	4ch: 120 NTSC, 100 PAL / 8ch: 240 NTSC, 200 PAL		
OSD	ON/OFF		
System Navigation	USB Mouse		
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		
<b>Recording</b>			
Video Compression	H.264		
Audio Compression	G.711		
Resolution	720P (1280x720), 1080P (1920x1080), 3MP (2028x1536), 5MP (2560x1920)		
Record Rate	NTSC: 4ch: 120FPS @ 720P / 1080P / 3MP / 5MP 8ch: 240FPS @ 720P / 1080P / 3MP / 5MP PAL: 4ch: 100FPS @ 720P / 1080P / 3MP / 5MP 8ch: 200FPS @ 720P / 1080P / 3MP / 5MP		
Record Resolution Setting	Per camera for different resolutions		
Recording Quality Control	6 Levels		
Record 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		
<b>Playback and Backup</b>			
Playback Channel	4ch / 8ch: 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)		
<b>Storage &amp; Archive</b>			
Storage	4/8 ch: Up to 1 HDD (SATA)		
Maximum Capacity	4/8 ch: Up to 1 x 4TB		
Backup Media	USB flash drive, HDD, & Network		
Backup File Format	DAV or ASF file		

### 4 Channel Model



### 8 Channel Model



## Specifications

NVR Specifications Cont.		DNR110/P Series	
<b>Connectivity</b>			
Cloud Connection	FLIR Cloud™		
Supported Operating Systems	Windows™, Mac OS		
Remote Software	Client Software (PC/Mac)		
Email Notification	Text with snapshot		
Instant Smart Phone & Tablet Support	iPad®, iPhone®, Android™		
DDNS	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		
Network Bit Rate	80Mbps total 48~8192kbps per camera		
IP Cameras Supported	FLIR		
<b>NVR General Information</b>			
Power Consumption	4ch: 10 watts (No HDD Installed) 8ch: 12 watts (No HDD Installed)		
Supply Voltage	4ch: 100VAC-240VAC, 48V DC, 1.5A, 50/60Hz 8ch: 100VAC-240VAC, 48V DC, 2A, 50/60Hz		
Total PoE Power Output (across all channels)	4ch: 50W (Max 25W per Camera) 8ch: 120W (Max 25W per Camera)		
Unit Weight	4ch:: 1.1lbs / 0.5kg (without HDD) 8ch:: 1.5lbs / 0.7kg (without HDD)		
Dimensions (W x H x D)	4ch: 8.1 x 1.8 x 8.1" / 205 x 45 x 205mm 8ch: 10.6 x 1.8 x 8.1" / 270 x 45 x 205mm		
Operating Temperature	14° ~ 131° F / -10° ~ 55° C		
Humidity	10 ~ 90% NC		

### Ordering Information

#### NTSC models

DNR114P0: 8-41430-01127-9 (4ch, no HDD)  
 DNR1141: 8-41430-01361-7 (4ch, 1TB HDD)  
 DNR114P2: 8-41430-01128-6 (4ch, 2TB HDD)  
 DNR118P0: 8-41430-01125-5 (8ch, no HDD)  
 DNR1181: 8-41430-01362-4 (8ch, 1TB HDD)  
 DNR118P2: 8-41430-01315-0 (8ch, 2TB HDD)  
 DNR1182: 8-41430-01363-1 (8ch, 2TB HDD)

#### PAL models

DNR114P0P: 8-41430-01215-3 (4ch, no HDD)  
 DNR114P2P: 8-41430-01234-4 (4ch, 2TB HDD)  
 DNR118P0P: 8-41430-01313-6 (8ch, no HDD)  
 DNR118P2P: 8-41430-01314-3 (8ch, 2TB HDD)

#### Package Dimensions

DNR114 Series: 14.3 x 3.7 x 10.2" / 362 x 95 x 260  
 DNR118 Series: 16.75 x 3.75 x 10.25" / 426 x 95 x 260

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