



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

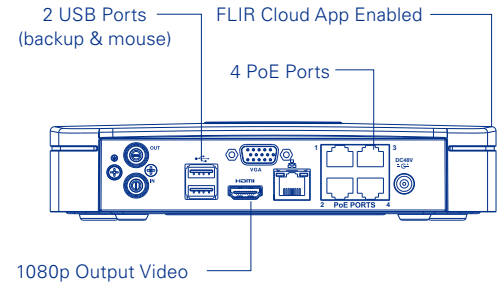


*4 channel model shown

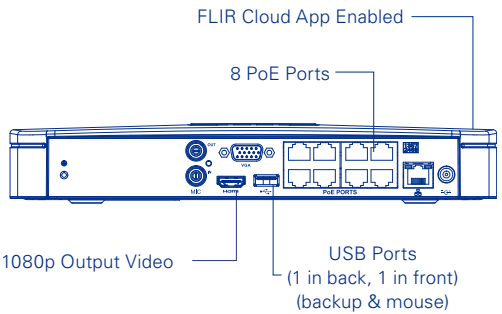
Specifications

NVR Specifications		DNR110/P Series	
System			
Operating System		Embedded LINUX	
Pentaplex		Simultaneous View, Record, Playback, Backup, and Remote Monitoring	
Number of Channels		4/8 Channel	
Inputs/Outputs			
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		1920×1080, 1280×1024, 1280×720, 1024×768	
PTZ control		FLIR IP PTZ cameras only	
Display			
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	
Recording			
Video Compression		H.264	
Audio Compression		G.711	
Resolution		720P (1280×720), 1080P (1920×1080), 3MP (2028×1536), 5MP (2560×1920)	
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	
Playback and Backup			
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)	
Storage & Archive			
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	
Connectivity			
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		
NVR General Information			
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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