

FLIR IP™

DNR110 SERIES

PoE High Definition NVR



DNR110 Series /
DNR110P Series*

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 4MP
- 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

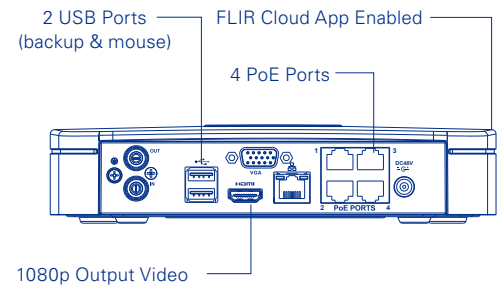


*4 channel model shown

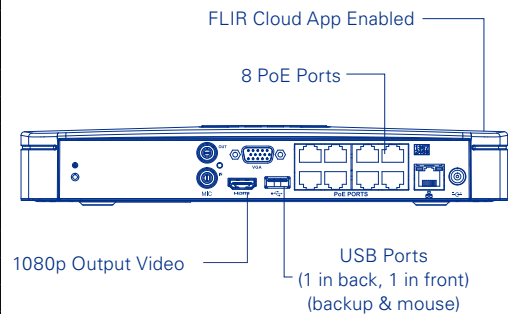
Specifications

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 (1280x720), 1080P (1920x1080), 3MP (2028x1536)		
Record Rate	NTSC: 4ch: 120FPS @ 720P / 1080P / 3MP 8ch: 240FPS @ 720P / 1080P / 3MP PAL: 4ch: 100FPS @ 720P / 1080P / 3MP 8ch: 200FPS @ 720P / 1080P / 3MP		
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

DNR1141:	8-41430-01361-7 (4ch, 1TB HDD)
DNR1142:	8-41430-01364-8 (4ch, 2TB HDD)
DNR1143:	8-41430-01365-5 (4ch, 3TB HDD)
DNR1144:	8-41430-01366-2 (4ch, 4TB HDD)
DNR1181:	8-41430-01362-4 (8ch, 1TB HDD)
DNR1182:	8-41430-01363-1 (8ch, 2TB HDD)
DNR1183:	8-41430-01367-9 (8ch, 3TB HDD)
DNR1184:	8-41430-01368-6 (8ch, 4TB HDD)

PAL models

DNR114P2P:	8-41430-01234-4 (4ch, 2TB 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 260mm
DNR118 Series:	16.75 x 3.75 x 10.25" / 426 x 95 x 260mm

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