



DNR516P2 (NTSC model)
16 channels, 16 PoE+ Support, 200 Mbps, 2TB HDD

DNR532P2 (NTSC model)
32 channels, 16 PoE+ Support, 200 Mbps, 2TB HDD

DNR516P2P (PAL model)
16 channels, 16 PoE+ Support, 200 Mbps, 2TB HDD

DNR516P4P (PAL model)
16 channels, 16 PoE+ Support, 200 Mbps, 4TB HDD

DNR516P6P (PAL model)
16 channels, 16 PoE+ Support, 200 Mbps, 6TB HDD

DNR532P2P (PAL model)
32 channels, 16 PoE+ Support, 200 Mbps, 2TB HDD



FLIR IP™

DNR500 Series NVR

FLIR's DNR500 Series NVRs further accelerate high definition recording, offering higher capacity 200 Mbps processing for real-time recording with cameras up to 5MP. With sixteen 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. Drive mirroring enables back-up recordings between up to four internal hard disk drives, plus eSata support for four external drives to keep data secure.

HIGHER CAPACITY PROCESSING

Real-time recording in Full HD per channel

- Turbo 200 Mbps network bit rate
- Supports HD real-time recording with cameras up to 5MP
- Pentaplex operation - simultaneous View, Record, Playback, Backup & Remote Monitoring

EASY INSTALLATION

Integrated PoE inputs for quick, convenient connection

- 16 integrated PoE ports with PoE+ support
- 120watt total PoE (up to 25w/channel)
- Auto-discovery of FLIR IP Cameras with no programming

REDUNDANT RECORDING

Back-up to keep data secure

- Drive mirroring between up to 4 internal HDDs
- Supports 4x SATA HDDs up to 4TB (16TB total)
- eSata support for four external drives

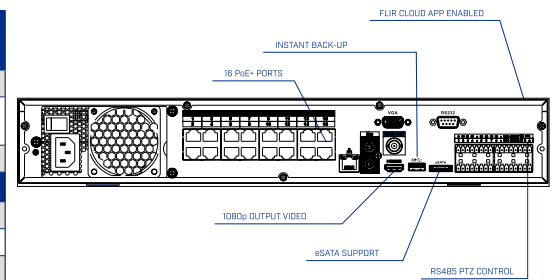
FLIR CLOUD – QUICK & SECURE REMOTE VIEWING

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
- Cloud platform will offer premium services to receive Video Surveillance as a Service (VSaaS)

Specifications

NVR Specifications		DNR516P2 / DNR516P2P	DNR532P2 / DNR532P2P
System			
Operating System	Embedded LINUX		
Pentaplex	Simultaneous view, record, playback, backup & remote monitoring		
Number of Channels	16/32 Channels		
Inputs/Outputs			
Video IN	16 PoE Video Input		
Video OUT	Yes, BNC		
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	16 Alarm IN		
Alarm OUT	4 Alarm OUT		
Video Output Resolution	1920x1080, 1280x1024, 1280x720, 1024x768		
PTZ Control	RS-485, supports Pelco-D and Pelco-P		
Display			
Live Display	1/4/8/9/16		
Live Display Speed	480FPS NTSC, 400FPS PAL		
OSD	Camera Title, Time, Camera Lock, Motion Detection, Recording Status		
System Navigation	USB mouse		
Motion Area Setting	Adjustable grid (22x18)		
Sensitivity	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), 5MP (2560x1920)		
Record Rate	NTSC 16 ch: 480FPS @ 720P / 1080P / 3MP / 5MP 32 ch: 960FPS @ 720P / 1080P / 3MP / 5MP - PAL 16 ch: 400FPS @ 720P / 1080P / 3MP / 5MP 32 ch: 800FPS @ 720P / 1080P / 3MP / 5MP		
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 4 HDD's (SATA) Internal Up to 4 HDD External using 1x eSATA Port		
Maximum Capacity	Up to 4x4TB Internal + up to 4x4TB External (eSATA)		
Backup Media	USB flash drive & HDD		
Backup File Format	DAV or ASF file		



Specifications

NVR Specifications Cont.		DNR516P2 / DNR516P2P	DNR532P2 / DNR532P2P
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	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	10/100/1000Mbps, RJ-45		
Network Bit Rate	200Mbs total 48~8192kbps per camera		
IP Cameras Supported	FLIR, Digimerge, Panasonic, Sony, Dynacolor, Samsung, AXIS, Arecont, Bosch, Canon, Honeywell, Pelco, Panasonic, Vivotek		
NVR General Information			
Power Consumption	Approx.40 watts (No HDD Installed)		
Supply Voltage	100VAC-240VAC, 50/60Hz		
Total PoE Power Output (across all channels)	150W (Max 25W per Camera)		
Unit Weight	6.0kg / 13.2lbs		
Dimensions (W x H x D)	440mm x 410mm x 70mm / 17.3" x 16.1" x 2.8"		
Operating Temperature	14° ~ 131° F / -10° ~ 55° C		
Humidity	10 ~ 90% RH		

Recording Resolution (Pixels) & Speed (FPS - Frames per Second)					
Model	FPS	720P 1280x720	1080P 1920x1080	3MP 2028x1536	5MP 2560x1920
16ch	Total	480	480	480	480
	Per channel	30	30	30	30
32ch	Total	960	960	960	960
	Per channel	30	30	30	30

Ordering Information

DNR516P2: 8-41430-00930-6
16 channels (NTSC)
2TB HDD

DNR532P2: 8-41430-00932-0
32 channels (NTSC)
2TB HDD

DNR516P2P: 8-41430-01105-7
16 channels (PAL)
2TB HDD

DNR516P4P: 8-41430-01137-8
16 channels (PAL)
4TB HDD

DNR516P6P: 8-41430-01138-5
16 channels (PAL)
6TB HDD

DNR532P2P: 8-41430-01106-4
32 channels (PAL)
2TB HDD

Package Dimensions

DNR500 Series: 20 x 7.1 x 19" / 508 x 180 x 482mm
DNR500P Series: 20 x 7.1 x 19" / 508 x 180 x 482mm

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. ©2015 FLIR Systems, Inc. All rights reserved. [Created 01/07/16]