

FLIR IP™

DNR724 SERIES

4K High Definition NVR



DNR724 (NTSC model)
24 Channels, 24 PoE+ Support, 320Mbps
(supports up to 16TB)

FLIR's DNR724 Series NVRs further accelerate high definition recording, offering higher capacity 320 Mbps processing and recording resolution up to 4K. With 24 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. Plus, drive mirroring enables back-up recordings to the second internal hard disk drive to keep data secure.

HIGH PERFORMANCE VIDEO PROCESSING

Smooth video recording up to 4K resolution

- 320Mbps network bit rate (48~8192 kbps/ch)
- Supports high definition recording with cameras up to 8MP (4K)
- Pentaplex Operation – simultaneous view, record, playback, backup & remote monitoring

EASY INSTALLATION

Integrated PoE inputs for quick, convenient connection

- 24 integrated PoE ports with PoE+ support (25W per channel)
- ONVIF 2.4 conformance
- Auto-discovery of FLIR IP Cameras with no programming

REDUNDANT RECORDING

Back-up to keep data secure

- Drive mirroring to second internal HDD
- Supports 2x SATA HDDs up to 8TB (16TB total)
- 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



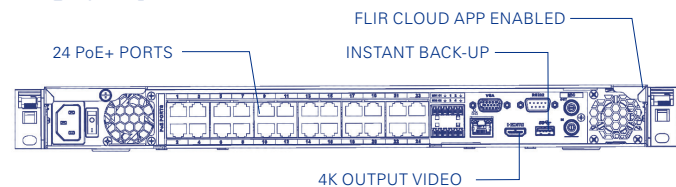
Specifications

| System | |
|---------------------------|---|
| Operating System | Linux (embedded) |
| Pentaplex | Simultaneous view, record, playback, backup & remote monitoring |
| Number of Channels | 24 Channels |
| Inputs/Outputs | |
| Video IN | 24 PoE+ Video Inputs |
| Video 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 | 1 USB 3.0 (back), 1 USB 2.0 (front) |
| Alarm IN | 4 Alarm IN |
| Alarm OUT | 2 Alarm OUT |
| Video Output Resolution | 3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768 |
| PTZ Control | FLIR IP PTZ cameras only |
| Display | |
| Live Display | 1,4,8,9,16,24 |
| Live Display Speed | 720fps NTSC, 200fps PAL |
| OSD | ON/OFF |
| System Navigation | USB mouse, IR remote controller, front panel buttons |
| Motion Area Setting | Fixed grid (22×18) |
| 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 / H.265 |
| Audio Compression | G.711 |
| Recording Resolution | 720p (1280×720), 1080p (1920×1080) ~ 4K-8MP (3840×2160) |
| Record Rate | 24ch: 720fps@720p/1080p/3MP/4MP/8MP |
| 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 |
| Playback | |
| 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) |
| Storage & Archive | |
| Storage | Up to 2 HDDs (SATA) |
| Maximum Capacity | Up to 2x8TB |
| Backup Media | USB flash drive & HDD |
| Backup File Format | DAV or ASF file |

| Recording Resolution [Pixels] & Max. Frames per Second [FPS] | | |
|--|-------------|----------------------------------|
| Model | FPS | 720P (1280x720) ~ 4K (3840x2160) |
| DNR724 - 24ch | Total | 720 |
| | Per channel | 30 |

| 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 | 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 Bit Rate | 320Mbps total, 48~8192kbps per camera |
| Network Interface | 10/100/1000-Base-TX, RJ-45 |
| NVR General Information | |
| Power Consumption | Approx. 15W (No HDD Installed) |
| Supply Voltage | 100VAC-240VAC, 50/60Hz |
| Total PoE Power Output (across all channels) | 130W (Max 25W per camera) |
| Unit Weight | 13.2lbs / 2.7kg |
| Dimensions (W x H x D) | 14.7 x 12.9 x 2.1" / 3765 x 327 x 53mm |
| Operating Temperature | 14° ~ 131° F / -10° ~ 55° C |
| Humidity | 10 ~ 90% RH |

24 Channel



Ordering Information

| | |
|--|-----------------|
| DNR7240: 24 channels (NTSC), No HDD | 8-41430-01931-2 |
| DNR7244: 24 channels (NTSC), 4TB HDD | 8-41430-01932-9 |
| DNR7246: 24 channels (NTSC), 6TB HDD | 8-41430-01961-9 |
| DNR7248: 24 channels (NTSC), 8TB HDD | 8-41430-01962-6 |
| DNR72412: 24 channels (NTSC), 12TB HDD | 8-41430-01963-3 |
| DNR72416: 24 channels (NTSC), 16TB HDD | 8-41430-01964-0 |

Package Dimensions

DNR7240 Series: 22.7" x 20.3" x 6.9" / 577mm x 516mm x 176mm

Package Weight

| | |
|--------------------|-----------------|
| DNR7240: | 14.50lb / 6.6kg |
| DNR7244/6/8/12/16: | 18.8lb / 8.5kg |

MARKHAM, ONTARIO

FLIR Systems, Inc.
250 Royal Crest Court
Markham, ON L3R 3S1
Canada
PH: +1 866.344.4674

Imagery for illustration purposes only. Specifications are subject to change without notice.

©2018 FLIR Systems, Inc. All rights reserved.

www.flirsecurity.com
NASDAQ: FLIR

(Created 03/12/2018) 18-0545-SEC