# DP-32FM-RD NVR

## Introduction:

DP-32FM-RD series NVR (Network Video Recorder) is a n ew generation recorder developed by Dunlop independently. Combined with multiple advanced technologies, such as audio and video encoding & decoding technology, embedded system technology, storage technology, network technology and intelligent technology, it can both work alone as a recorder and cooperate with other device to build a comprehensive surveillance system.

The DP-2700NI-E4 series NVR can be widely applied in the areas of finance, public security, military, communication, transportation, education, etc..

## Available Models:
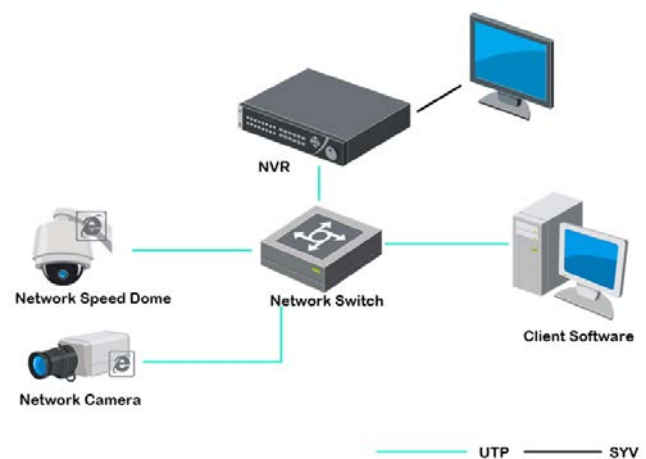
DP-32FM-RD

## Main Features:

- Connectable to the third-party network cameras like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO.
- Up to 32 network cameras can be connected.
- Support live view, storage, and playback of the connected camera at up to 5 megapixels resolution.
- Simultaneous HDMI and VGA at 1920 × 1080 resolution.
- New GUI and support starting record with one key.
- Redundant recording, holiday recording and capture schedule configuration.
- Realize instant playback for assigned channel during multi-channel display mode.
- Up to 16-ch synchronous playback at 4CIF resolution.
- Smart search for the selected area in the video.
- Customization of tags, searching, and playing back by tags.
- Locking and unlocking record files.
- Support HDD quota and group modes; different capacity can be assigned to different channel.
- Up to 4 SATA hard disks and 1 eSATA disk (optional) can be connected, for both recording and backup.
- 2 self-adaptive 10M/100M/1000M network interfaces, with working modes configurable: multi-address, load balance, network fault tolerance, etc.
- Support Dunlop DDNS (Dynamic Domain Name System);
- Support network detection, including network delay, packet loss, etc.

## Physical Interfaces:
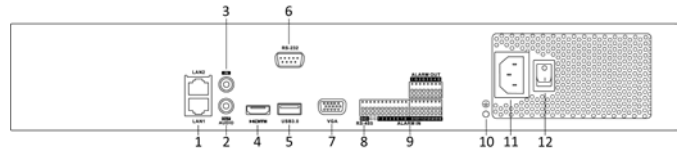


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| 12 | Power Switch |

## Typical Application:

# Specifications:

| Model | | DP-32FM-RD |
|---|---|---|
| **Video/Audio input** | **IP video input** | 32-ch |
| | **Two-way audio** | 1-ch, RCA (2.0 Vp-p, 1kΩ) |
| **Network** | **Incoming bandwidth** | 200Mbps |
| | **Outgoing bandwidth** | 80Mbps |
| | **Remote connection** | 128 |
| **Video/Audio output** | **Recording resolution** | 5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| | **Frame rate** | Main stream: 50 fps (P) / 60 fps (N) |
| | | Sub-stream: 50 fps (P) / 60 fps (N) |
| | **HDMI/VGA output** | 1-ch, resolution: 1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz |
| | **Audio output** | 1-ch, RCA (Linear, 1KΩ) |
| **Decoding** | **Live view / Playback resolution** | 5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF /QCIF |
| | **Capability** | 16-ch@4CIF, 12-ch@720P, 6-ch@1080P |
| **Hard disk** | **SATA** | 4 SATA interfaces for 2 HDDs + 1 DVD-R/W (default), or 4HDDs |
| | **eSATA (Optional)** | 1 eSATA interface |
| | **Capacity** | Up to 4TB capacity for each HDD |
| **External interface** | **Network interface** | 2 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interfaces |
| | **Serial interface** | RS-232 and RS-485 |
| | **USB interface** | 2 × USB 2.0 + 1 × USB 3.0 |
| | **Alarm in / out** | 16 / 4 (optionally can be expanded to 16 / 8) |
| **Others** | **Power supply** | 100 ~ 240 VAC |
| | **Consumption (without hard disk or DVD-R/W)** | ≤ 20 W |
| | **Working temperature** | -10 ºC ~ +55 ºC (14ºF ~ 131ºF) |
| | **Working humidity** | 10 % ~ 90 % |
| | **Chassis** | 19-inch rack-mounted 1.5U chassis |
| | **Dimensions (W × D × H)** | 445 × 390 ×70 mm ( 17.5"× 15.3" × 2.8") |
| | **Weight (without hard disk or DVD-R/W )** | ≤ 4 Kg (8.82 lb) |

*Note:*

The formula to calculate the incoming bandwidth and the IP camera connected is: A = B/(C+D).

A refers to the number of IP camera you connected.

B refers to the value of the incoming bandwidth.

C refers to the bitrate value of the main stream of the connected IP camera.

And D refers to the bitrate value of the sub-stream of the connected IP camera.

*Example:*