# NQ2160

Standalone NVR
2bay 16ch network video recorder

**ZAVIO**

*Innovating IP since 2006*

· 2 bay 16ch NVR

· Linux embedded

· Up to 4K output resolution

· 80Mbps recording throughput

· H.265 and H.264 decoding capacity

· E-map

· Embedded camera settings

· Playback thumbnail search

· IP camera batch maintenance

· P2P service, no router setting required

· RAID 0, 1

· 4 alarm in / 1 alarm out

· RCA Audio Output

· 12V DC, 4A

· Operating conditions 0 ~ 50°C

ZAVIO 2HDD Series are full featured yet cost effective NVRs. This Linux-based network video recorder supports up to 4K output resolution, 8MP recording resolution and 12TB storage. Designed for efficient installation, ZAVIO NVRs has embedded camera settings and batch maintenance features – allowing users to configure and update the cameras locally without hassle. Its petite size and user friendly interface makes it ideal for small installations, such as retails, boutiques and residential surveillance.

To benefit from the NVRs maximum potential, please use with ZAVIO IP cameras. Download ZAVIOR mobile APP for instant access to your devices anytime anywhere.

## Technical Specifications

### Recorder

| | |
|---|---|
| **Recorder type** | 2bay NVR |
| **Number of channels** | Up to 8 channels |
| **Video compression** | H.265, H.264, MPEG4, MJPEG |
| **Operating System** | Embedded Linux |
| **ONVIF** | Profile G |

### Physical

| | |
|---|---|
| **Housing** | 363 chassis |
| **Dimensions** | 363 x 242 x 47mm |
| **Weight** | 1.65kg |
| **Operating** | 0 ~ 50°C |

### Storage

| | |
|---|---|
| **Number of HDD** | 2 x 3.5" SATA |
| **External storage** | - |
| **Max. storage per HDD** | 6TB |
| **RAID level** | 0, 1 |

### Video & Audio

| | |
|---|---|
| **Output resolutions** | Up to 4K |
| **Dual monitor support** | - |
| **Dual stream recording** | Yes |
| **Recording throughput** | 80Mbps |
| **H.265 decoding** | 1080p @ 120fps / 4K @ 30fps |
| **H.264 decoding** | 1080p @ 120fps / 4K @ 30fps |
| **Recording type** | Emergency record, continuous record, record by schedule, event triggered record, 2nd stream record dual record. |
| **Auto backup** | Automatic backup of recorded video from date before to FTP. |
| **Audio & video record** | Synchronized audio and video recording |
| **Audio support** | One Way |

### I/O & Connector

| | |
|---|---|
| **Ethernet** | 1 x RJ-45 Ethernet 10/100 Mbps |
| **Power Supply** | 12V DC, 4A |
| | Power consumption: Max 48W |
| **Alarm I/O** | 4 / 1 |
| **Audio Output** | RCA |
| **Video output** | HDMI |
| **USB interface** | 4 x USB 2.0 |

### Integrations

| | |
|---|---|
| **Supported ZAVIO cameras** | All |
| **Supported 3rd party cameras** | ONVIF |
| **Supported metadata** | - |

### Local & Remote Client

| | |
|---|---|
| **Z PLUS Management Software** | Yes |
| **P2P Service** | Yes |
| **Remote clients** | Windows application, Web client, Mobile app |
| **Web browser** | Internet explorer, Chrome, Safari |
| **Mobile platforms** | Android, iPhone, iPad |
| **Supported languages** | Croatian, Czech, Dutch, English, Finnish, French, Hebrew, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Traditional Chinese, Spanish, Swedish, Thai, Turkish. |

### Remote Client System Requirement

| | |
|---|---|
| **Operating System** | Windows XP (32-bit), Win 7 (32-bits and 64-bits), Win 8 (32-bits and 64-bits), Win 8.1 (32-bits and 64-bits) |
| **CPU** | Intel Core 2 Duo, 2.6GHz |
| **RAM** | 1GB |
| **LAN transmission speed** | 10 / 100 / 1000 Mbps (RJ-45) |

Remark:
1. 2nd stream only supports always record.