

**HNR510 Series NVR**

**Available Models**

HNR510-16, HNR510-32

**Key Features**

**Professional and Reliable**

* Dual-OS design to ensure high reliability of system running
* ANR technology to enhance the storage reliability when the network is disconnected

**HD Input**

* H.265/H.264/MPEG4 video formats
* Connectable to the third-party network cameras
* Up to 32 IP cameras can be connected
* Recording at up to 12 MP resolution
* Supports live view, storage, and playback of the connected camera at up to 12 MP resolution

**HD Output**

* HDMI and VGA outputs provided
* HDMI Video output at up to 4K (3840 × 2160) resolution

**HD Storage**

* Up to 4 SATA interfaces connectable for recording and backup
* Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

**HD Transmission**

* 1 self-adaptive 10M/100M/1000M network interface

**Various Applications**

* Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
* Connectable to smart IP cameras and the recording, playing back, and backing up of VCA alarms can be realized
* VCA detection alarm is supported
* Instant playback for assigned channel during multi-channel display mode
* Smart search for the selected area in the video; and smart playback to improve the playback efficiency
* Supports HDD quota and group modes; different capacity can be assigned to different channels

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| **10** | GND |
| **11** | 100~240VAC Power Input |
| **12** | Power Switch |
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**Physical Interfaces**

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| **Model** |  | **HNR510-16** | **HNR510-32** |
| **Video/Audio input** | **IP video input** | 16-ch | 32-ch |
| Up to 12 MP resolution | |
| **Two-way audio** | 1-ch, RCA (2.0 Vp-p, 1kΩ) | |
| **Network** | **Incoming bandwidth** | 160 Mbps | 256 Mbps |
| **Outgoing bandwidth** | 256 Mbps | |
| **Remote connection** | 128 | |
| **Video/Audio output** | **Recording resolution** | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF | |
| **HDMI output**  **resolution** | 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | |
| **VGA output**  **resolution** | 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | |
| **Audio output** | 1-ch, RCA (Linear, 1 KΩ) | |
| **Decoding** | **Decoding format** | H.265/H.264/MPEG4 | |
| **Live view / Playback resolution** | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF | |
| **Synchronous playback** | 16-ch | 16-ch |
| **Capability** | 4-ch @ 4K, or 16-ch @ 1080p | 4-ch @ 4K, or 16-ch @ 1080p |
| **Hard disk** | **SATA** | 4 SATA interfaces for 4HDDs | |
| **eSATA (optional)** | 1 eSATA interface | |
| **Capacity** | Up to 6TB capacity for each HDD | |
| **External interface** | **Network interface** | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface | |
| **Serial interface** | 1 RS-485 (half-duplex), 1 RS-232 | |
| **USB interface** | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 | |
| **Alarm in/out** | 16/4 | |
| **POE Interface**  **(for /P series NVR only)** | **Interface** | N/A | |
| **Power** | ≤200W | |
| **Supported standard** | IEEE 802.3 af/at | |
| **General** | **Power supply** | 100 to 240 VAC | |
| **Power** | ≤80W | |
| **Consumption**  **(without hard disk)** | ≤20 W | |
| **Working temperature** | -10 to +55ºC (14 to 131ºF) | |
| **Working humidity** | 10 to 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)** | ≤ 5 Kg (11 lb) | |

**Specifications**