

## Specifications

| Model                      |                                 | DS-7R08NI-K2/8P  | DS-7R16NI-K2/16P                                       | DS-7R32NI-K2/16P |
|----------------------------|---------------------------------|--|--|------------------|
| Video/<br>Audio input      | IP video input                  | 8-ch   | 16-ch  | 32-ch            |
|                            | Incoming bandwidth              | 80 Mbps  | 160 Mbps   | 256 Mbps         |
|                            | Outgoing bandwidth              | 160 Mbps   |  |                  |
| Video/<br>Audio output     | HDMI output resolution          | 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |  |                  |
|                            | VGA output resolution           | 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz   |  |                  |
|                            | Audio output                    | 1-ch, RCA (Linear, 1 KΩ)   |  |                  |
| Decoding                   | Decoding format                 | H.265/H.265+/H.264/H.264+/MPEG4  |  |                  |
|                            | Recording resolution            | 8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF  |  |                  |
|                            | Synchronous playback            | 8-ch   | 16-ch  | 16-ch            |
|                            | Capability                      | 2-ch @ 4K, or 8-ch @ 1080p   |  |                  |
| Network management         | Network protocols               | TCP/IP, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS  |  |                  |
| Hard disk                  | SATA                            | 2 SATA interfaces  |  |                  |
|                            | Capacity                        | Up to 6TB capacity for each HDD  |  |                  |
| External interface         | Two-way audio                   | 1-ch, RCA (2.0 Vp-p, 1kΩ)  |  |                  |
|                            | Network interface               | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface  |  |                  |
|                            | USB interface                   | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0  |  |                  |
|                            | Alarm in/out                    | 4/1  |  |                  |
| POE interface              | Interface                       | 8, RJ-45 10/100 Mbps self-adaptive Ethernet interface  | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface |                  |
|                            | Power                           | ≤ 120 W  | ≤ 200 W  |                  |
|                            | Supported standard              | IEEE 802.3 af/at   |  |                  |
| General                    | Power supply                    | 100 to 240 VAC   |  |                  |
|                            | Power                           | ≤ 180 W  | ≤ 280 W  |                  |
|                            | Consumption (without hard disk) | ≤ 15 W (without enabling PoE)  |  |                  |
|                            | Working temperature             | -10 to +55° C (14 to 131° F)   |  |                  |
|                            | Working humidity                | 10 to 90 %   |  |                  |
|                            | Chassis                         | 385 mm chassis   |  |                  |
|                            | Dimensions (W × D × H)          | 385 × 315 × 52 mm (15.2" × 12.4" × 2.0")   |  |                  |
| Weight (without hard disk) | ≤ 3 kg (6.6 lb)                 |  |  |                  |