



DataSheet

Video & Audio

- **IP Video Input: 32 channels**
 - **Incoming Bandwidth: 320 Mbps**
 - **Outgoing Bandwidth: 320 Mbps**
 - **HDMI Output Resolution: 1 channel**
 - **3840×2160/30Hz**
 - **1920×1080/60Hz**
 - **1680×1050/60Hz**
 - **1440×900/60Hz**
 - **1280×1024/60Hz**
 - **1280×720/60Hz**
 - **VGA Output Resolution: 1 channel**
 - **1920×1080/60Hz**
 - **1680×1050/60Hz**
 - **1440×900/60Hz**
 - **1280×1024/60Hz**
 - **1280×720/60Hz**
 - **1024×768/60Hz**
 - **Video Output Mode: Independent HDMI/VGA output**
 - **Multi-View Display: 1/4/6/8/9/16/25/32/36**
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Decoding

- **Audio Compression:** G.711A / G.711U / G.726
 - **Decoding Format:** H.265+ / H.265 / H.264+ / H.264
 - **Video Compression:** H.265+ / H.265 / H.264+ / H.264
 - **Recording Resolution:** 8MP / 5MP / 4MP / 3MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
 - **Live View/Playback Resolution:** 8MP / 5MP / 4MP / 3MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
 - **Synchronous Playback:** 16 channels
 - **Capabilities:**
 - 16 channels @ 1080p (30 fps)
 - 8 channels @ 4MP (30 fps)
 - 4 channels @ 8MP (30 fps)
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Recording Management

- **Recording Mode:** Manual, scheduled, motion detection
 - **Playback Modes:** Instant, regular, tag-based, event-based
 - **Backup Mode:** Regular backup, clip backup
 - **Playback Functions:** Play, pause, stop, fast forward, fast reverse, frame-by-frame, full screen, video clip, export clip, digital zoom, lock recording, audio on/off
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Network

- **Protocols: UPnP (Plug and Play), NTP (Network Time)**
 - **Mobile Access: Android, iOS**
 - **Web Browsers: Chrome (57+), Firefox (52+), Edge (91+)**
 - **Interoperability: ONVIF, CGI**
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External Interface

- **Network: 2 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet ports**
 - **USB: Front and rear USB 2.0 ports**
 - **Audio: 1 input / 1 output**
 - **Alarm I/O: 16 in / 4 out**
 - **Serial Port: RS232**
 - **Reset Button: 1**
 - **Video Ports: 1 HDMI, 1 VGA**
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Hard Drive

- **SATA: 4 interfaces**
 - **Capacity: Up to 10 TB per drive**
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Alarms

- **General:** Motion detection, video tampering, intrusion detection, line crossing detection
 - **Abnormal:** Video loss, offline, IP conflict, disk error, login exception, fan error
 - **Alarm Linkage:** Recording, white light alarm, buzzer, log, audible alarm
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General

- **Storage Temperature:** -40 to 70 °C
- **Storage Humidity:** 10% to 90% RH (non-condensing)
- **Operating Temperature:** -10 to 55 °C
- **Operating Humidity:** 10% to 90% RH (non-condensing)
- **Dimensions (W × D × H):** 440 × 330 × 44 mm
- **Net Weight:** 4.0 kg
- **Gross Weight:** 5.2 kg
- **Power Supply:** 100-240 VAC, 50-60 Hz, 1.5 A
- **Max. Power Consumption:** 5 W (without HDD) / 48 W (with HDD)
- **Certifications:** CE, EAC, UKCA, RCM, Triman, RoHS, VCCI, FCC, IC, HDMI