



# DataSheet

## **VIDEO & AUDIO**

- **IP Video Input: 4 channels**
  - **Incoming Bandwidth: 80 Mbps**
  - **Outgoing Bandwidth: 60 Mbps**
  - **HDMI Output Resolution: 1 channel, resolutions:**
    - **3840×2160/30Hz**
    - **1920×1080/60Hz**
    - **1680×1050/60Hz**
    - **1440×900/60Hz**
    - **1280×1024/60Hz**
    - **1280×720/60Hz**
  - **VGA Output Resolution: 1 channel, resolutions:**
    - **1920×1080/60Hz**
    - **1680×1050/60Hz**
    - **1440×900/60Hz**
    - **1280×1024/60Hz**
    - **1280×720/60Hz**
  - **Video Output Mode: Simultaneous HDMI/VGA output**
  - **Multi-View Display: 1/4**
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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: 4 channels**
  - **Capabilities: 2 channels at 8MP, 4 channels at 4MP**
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## **RECORDING MANAGEMENT**

- **Recording Modes:**
  - Manual recording
  - Scheduled recording
  - Motion detection recording
- **Playback Modes:**
  - Instant playback
  - Regular playback
  - Tag playback
  - Event playback
- **Backup Mode:**
  - Regular backup
  - Video clip backup
- **Playback Functions:**
  - Play / Pause / Stop
  - Fast forward / Fast rewind
  - Frame-by-frame play
  - Full screen
  - Video clip / Export clip
  - Digital zoom
  - Lock recording
  - Audio on/off

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## NETWORK

- **Protocols: TCP/IP, DHCP, DNS, NTP, UPnP**
- **Mobile Access: Android, iOS**
- **Incoming Bandwidth: 80 Mbps**
- **Outgoing Bandwidth: 60 Mbps**
- **Web Browsers: Chrome (57+), Firefox (52+), Edge (91+)**
- **Interoperability: ONVIF, CGI**

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## EXTERNAL INTERFACE

- **Network Interface: 1 × RJ-45 10/100 Mbps self-adaptive Ethernet port**
  - **USB: 1 × USB 2.0 front, 1 × USB 2.0 rear**
  - **Audio: 1 audio input, 1 audio output**
  - **Alarm I/O: N/A**
  - **Serial Interface: N/A**
  - **Power Connector: 1 × DC input**
  - **Reset Button: 1**
  - **Speaker: N/A**
  - **eSATA: N/A**
  - **HDMI: 1**
  - **VGA: 1**
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## **HARD DISK**

- **SATA: 1 × SATA interface**
  - **Capacity: Up to 10TB**
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## **PoE**

- **Standard: 802.3at/af compliant**
  - **Interface: Ports 1–4, RJ-45 10/100 Mbps self-adaptive Ethernet**
  - **Budget: 53 W total, max. 30 W per port**
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## **ALARM**

- **General Alarm:**
  - **Motion detection**
  - **Video tampering**
  - **Line crossing detection**
  - **Intrusion detection**
  - **Region entrance detection**
  - **Region exit detection**
  - **Abandoned/removed object detection**
  - **Vehicle detection**
  - **Human detection**
  - **Smart frame**
- **Exception Alarm:**
  - **Video loss**
  - **IP conflict / Disconnection**
  - **Disk error**
  - **Login exception**
- **Alarm Linkage:**
  - **Recording**
  - **White light alarm**
  - **Buzzer**
  - **Log entry**

- Audible alarm
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## GENERAL

- Operating Temperature: -10 °C to 55 °C
  - Storage Temperature: -40 °C to 70 °C
  - Storage Humidity: 10%–90% RH, non-condensing
  - Package Contents:
    - VIGI NVR
    - Power adapter
    - HDD screws
    - Mouse
    - Quick installation guide
  - Working Temperature:
    - NVR: -10 °C to 55 °C
    - Power adapter: 0 °C to 40 °C
  - Working Humidity: 10%–90% RH, non-condensing
  - Dimensions (W×D×H): 246.2 × 148.2 × 45 mm
  - PoE: Standard 802.3af/at, ports 1–4, budget 53 W
  - External Power Supply: 53.5 V DC / 1.31 A
  - Max. Power Consumption: 4.25 W (without HDD)
  - Certifications: CE, EAC, UKCA, RCM, Triman, BSMI, VCCI, FCC, IC, HDMI
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## **VIDEO/IMAGE**

- **Video Input: 4-channel IP, up to 8MP**
- **Recording Resolution: 8MP / 5MP / 4MP / 3MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF**
- **HDMI Output Resolution: 3840×2160/30Hz, 1920×1080/60Hz, 1680×1050/60Hz, 1440×900/60Hz, 1280×1024/60Hz, 1024×768/60Hz, 1280×720/60Hz**
- **VGA Output Resolution: 1920×1080/60Hz, 1680×1050/60Hz, 1440×900/60Hz, 1280×1024/60Hz, 1024×768/60Hz, 1280×720/60Hz**