DataSheet

VIDEO & AUDIO

- **IP Video Input: 16 channels**

- **Incoming Bandwidth: 80 Mbps**

- **Outgoing Bandwidth: 60 Mbps**

- **HDMI Output Resolution: 1 channel — 3840x2160/30Hz, 1920x1080/60Hz, 1680x1050/60Hz, 1440x900/60Hz, 1280x1024/60Hz, 1280x720/60Hz**

- **VGA Output Resolution: 1 channel — 1920x1080/60Hz, 1680x1050/60Hz, 1440x900/60Hz, 1280x1024/60Hz, 1280x720/60Hz**

- **Video Output Mode: Simultaneous HDMI/VGA output**

- **Multi-View Display: 1/4/6/8/9/16**

DECODING

- **Audio Compression: G.711A / G.711U / G.726**

- **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**

- **Synchronous Playback: 16 channels**

- **Capabilities:**

  - **25 fps: 2-ch @ 8MP, 4-ch @ 4MP, 8-ch @ 2MP**

  - **30 fps: 4-ch @ 3MP, 2-ch @ 5MP**

RECORDING MANAGEMENT

- **Recording Modes: Manual, scheduled, motion detection**

- **Playback Modes: Instant playback, regular playback, tag playback, event playback**

- **Backup Mode: Normal backup, video clip backup**

- **Playback Functions: Play, Pause, Stop, Fast forward, Rewind, Frame-by-frame, Full screen, Video clip, Export clip, Digital zoom, Lock recording, Enable/Disable audio**

NETWORK

- **Protocols: UPnP, NTP**

- **Mobile Access: Android, iOS**

- **Supported Browsers: Chrome (57+), Firefox (52+), Edge (91+)**

- **Interoperability: ONVIF, CGI**

EXTERNAL INTERFACE

- **Network: 1 × 10/100/1000 Mbps adaptive RJ-45 Ethernet port**

- **USB: 1 × front USB 2.0, 1 × rear USB 2.0**

- **Audio: 1 input, 1 output**

- **Alarm I/O: N/A**

- **Serial Interface: N/A**

- **Power: 1 × DC connector**

- **Reset Button: 1**

- **Speaker: N/A**

- **eSATA: 1**

- **HDMI: 1**

- **VGA: 1**

HARD DISK

- **SATA: 2 interfaces**

- **Capacity: Up to 10 TB per hard drive**

PoE

- **Standard: Complies with 802.3at/af**

- **Ports: 1–16 × 10/100 Mbps adaptive RJ-45 Ethernet ports**

- **Power Budget: 90 W total, max. 30 W per port**

ALARMS

- **General: Motion detection, video tampering, line crossing, intrusion, region entrance, region exit, object removal/abandonment, vehicle detection, human detection, smart frame**

- **Exception: Video loss, IP conflict, disconnection, disk error, login exception, fan error**

- **Alarm Linkage: Recording, white light alarm, buzzer, log, audible alarm**

GENERAL

- **Storage Temperature: -40 to 70 °C**

- **Storage Humidity: 10%–90% RH (non-condensing)**

- **Package Contents: VIGI Network Video Recorder, Power adapter, Power cables, HDD power cables, HDD data cables, Mounting accessories, Mouse, Quick installation guide**

- **Operating Temperature:**

    - **NVR: -10 to 55 °C**

    - **Power adapter: 0 to 40 °C**

- **Operating Humidity: 10%–90% RH (non-condensing)**

- **Dimensions (W × D × H): 330 × 285 × 45 mm**

- **Net Weight: 1.9 kg**

- **Gross Weight: 3.2 kg**

- **Power Supply: 53.5 V DC / 2.43 A**

- **Max. Power Consumption: 6.2 W (without HDD), 40 W (with HDD)**

- **Certifications: CE, EAC, UKCA, RCM, Triman, BSMI, VCCI, FCC, IC, HDMI**