Features and Functions

Video Input and Transmission
- Connectable to Turbo HD/HDCVI/AHD/CVBS signal input
- Long distance transmission over UTP and coaxial cable: max. 1200m for 720p Turbo HD signal

Compression and Recording
- One-key enable H.264+ compression to improve encoding efficiency by up to 50% and reduce data storage costs
- Supports 1080p lite of all channels and when enabled, the image effect is similar with 1080p

Video Output
- HDMI/VGA output at up to 1920 × 1080 resolution

Storage and Playback
- One SATA interface (up to 6 TB capacity per HDD)
- 4/8/16-ch synchronous playback at up to 720p resolution
- Smart search for efficient playback

Smart Function
- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- VQD (Video Quality Diagnostics)
- Unlock pattern for device login for the admin and clear-text password available
- GUID file can be exported for password resetting and imported for finding the forgotten password
- Supports PTZ control via Omnicast VMS of Genetec protocol

Network & Ethernet Access
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- One self-adaptive 10/100Mbps network interface
- Output bandwidth limit configurable
## Specifications

| Model | Video compression | Analog video input | Turbo HD input | AHD input | HDCVI input | CVBS input | IP video input | Audio compression | Audio input/Two-way audio input | HDMI/VGA output | Encoding resolution | Frame rate | Video bit rate | Audio output | Audio bit rate | Dual stream | Stream type | Synchronous playback | Network management | Hard disk | External interface | USB interface | Power supply | Consumption (without HDD) | Working temperature | Working humidity | Dimensions (W × D × H) | Weight (without HDD) |
|-------|------------------|--------------------|---------------|-----------|-------------|------------|-------------|----------------|-------------------|----------------|------------------|------------|----------------|-------------|---------------|-------------|-------------|----------------|------------------------|-----------|---------------------|-------------|--------------|----------------------|----------------------|----------------|---------------------|-----------------|---------------|
|       | H.264+/H.264     | 4-ch               | 1080p25, 1080p30, 720p25, 720p30 | 1080p25, 1080p30, 720p25, 720p30 | 1080p25, 1080p30, 720p25, 720p30 | Support    | 1-ch (up to 5-ch) | G.711u         | 1-ch, RCA (2.0 Vp-p, 1 kΩ) | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | When 1080p Lite mode not enabled: 720p/WD1/4CIF/VGA/CIF | When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/CIF | Main stream: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) | Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@25fps (P)/30fps (N) | 32 Kbps to 4 Mbps | 1-ch, RCA (Linear, 1 kΩ) | 64 Kbps | Support | Video, Video & Audio | 32 | 1 SATA interface | 1, RJ45 10M/100M self-adaptive Ethernet interface | Rear panel: 2 × USB 2.0 | 12 VDC | ≤ 8 W | ≤ 10 °C to +55 °C (14 °F to 131 °F) | 10% to 90% | 260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch) | ≤ 1 kg (2.2 lb) | ≤ 1.2 kg (2.6 lb) |
Physical Interfaces

The rear panel of DS-7B04/7B08HGHI-F1 provides 4/8 video input interfaces.

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Available Models

DS-7B04HGHI-F1, DS-7B08HGHI-F1 and DS-7B16HGHI-F1

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