

# S00-TURBO-G3 series TURBO HD DVR

## Key Features

- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTV/AVD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 6/12-ch IP camera inputs (up to 1080p/5 MP)
- Max. 1200 m for 720p HDTV signal



## Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Full channel recording at up to 1080p resolution

## Storage and Playback

- 1 SATA interface (up to 4 TB capacity per HDD)
- Smart search for efficient playback

## Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 64/72 Mbps total bandwidth

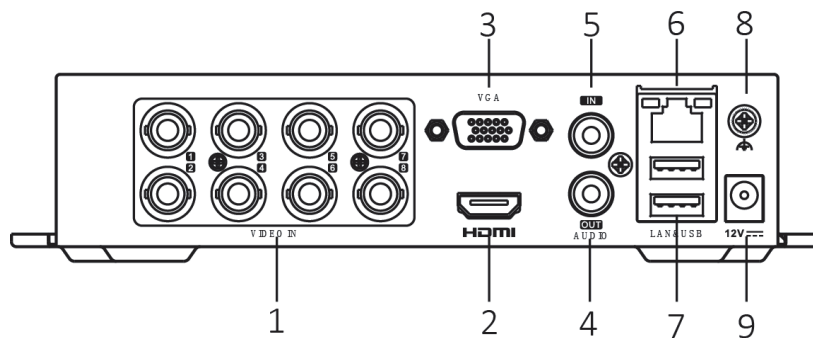
## Specification

| Model                       | S04-TURBO-G3   | S08-TURBO-G3   |
|-----------------------------|--|--|
| <b>Recording</b>            |  |  |
| <b>Video compression</b>    | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264  |  |
| <b>Encoding resolution</b>  | When 1080p lite mode not enabled: 720p/WD1/4CIF/VGA/CIF<br>When 1080p lite mode enabled: 1080p Lite/HD 720p Lite/WD1/4CIF/VGA/CIF  |  |
| <b>Frame rate</b>           | Main stream:<br>When 1080p Lite mode not enabled:<br>For 720p stream access:<br>720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)<br>When 1080p Lite mode enabled:<br>1080p Lite/HD 720p Lite/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) | Main stream:<br>When 1080p Lite mode not enabled:<br>For 720p stream access:<br>720p/WD1/4CIF/VGA/CIF@15 fps;<br>For SD stream access:<br>WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)<br>When 1080p Lite mode enabled:<br>1080p Lite/HD 720p Lite/WD1/4CIF/VGA/CIF@15 fps |
|                             | Sub-stream:<br>4CIF/CIF/QVGA@25 fps (P)/30 fps (N)   | Sub-stream:<br>CIF/QVGA@25 fps (P)/30 fps (N)  |
| <b>Video bit rate</b>       | 32 Kbps to 4 Mbps  |  |
| <b>Stream type</b>          | Video, Video & Audio   |  |
| <b>Audio compression</b>    | G.711u   |  |
| <b>Audio bit rate</b>       | 64 Kbps  |  |
| <b>Video and Audio</b>      |  |  |
| <b>IP video input</b>       | 1-ch (up to 5-ch)  | 2-ch (up to 10-ch)   |
|                             | Up to 1080p resolution   | Up to 5 MP resolution  |
|                             | Support H.265+/H.265/H.264+/H.264 IP cameras   |  |
| <b>Analog video input</b>   | 4-ch   | 8-ch   |
|                             | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection  |  |
| <b>Turbo HD input</b>       | 1080p25, 1080p30, 720p25, 720p30   |  |
| <b>AHD input</b>            | 1080p25, 1080p30, 720p25, 720p30   |  |
| <b>HDCVI input</b>          | 1080p25, 1080p30, 720p25, 720p30   |  |
| <b>CVBS input</b>           | Support  |  |
| <b>HDMI/VGA output</b>      | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz<br>HDMI/VGA simultaneous output   |  |
| <b>Audio input</b>          | 1-ch RCA (2.0 Vp-p, 1 KΩ)  |  |
|                             | 4-ch via coaxial cable   | 8-ch via coaxial cable   |
| <b>Audio output</b>         | 1-ch, RCA (Linear, 1 KΩ)   |  |
| <b>Two-way audio</b>        | Reuse the first audio input  |  |
| <b>Synchronous playback</b> | 4-ch   | 8-ch   |
| <b>Network</b>              |  |  |
| <b>Remote connection</b>    | 32   | 64   |
| <b>Network protocol</b>     | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS   |  |
| <b>Network interface</b>    | 1, RJ45 10/100 Mbps self-adaptive Ethernet interface   |  |
| <b>Auxiliary interface</b>  |  |  |
| <b>SATA</b>                 | 1 SATA interface   |  |
| <b>Capacity</b>             | Up to 4 TB capacity for each disk  |  |
| <b>Alarm in/out</b>         | N/A  |  |

## Specification

|                                  |  |        |
|----------------------------------|--|--------|
| <b>USB interface</b>             | Rear panel: 2 × USB 2.0                  |        |
| <b>General</b>                   |  |        |
| <b>Power supply</b>              | 12 VDC, 1.5 A                            |        |
| <b>Consumption (without HDD)</b> | ≤ 16 W                                   | ≤ 17 W |
| <b>Working temperature</b>       | -10 °C to 55 °C (14 °F to +31 °F)        |        |
| <b>Working humidity</b>          | 10% to 90%                               |        |
| <b>Dimension (W × D × H)</b>     | 200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch) |        |
| <b>Weight (without HDD)</b>      | ≤ 0.8 kg (1.8 lb)                        |        |

## Physical Interface



\*: The rear panel of S04-TURBO-G3 provides 4 video input interfaces.

| No.      | Description              | No.      | Description           |
|----------|--------------------------|----------|-----------------------|
| <b>1</b> | Video and Audio in       | <b>6</b> | LAN Network Interface |
| <b>2</b> | HDMI Interface           | <b>7</b> | USB Interfaces        |
| <b>3</b> | VGA Interface            | <b>8</b> | GND                   |
| <b>4</b> | AUDIO OUT, RCA Connector | <b>9</b> | 12 VDC Power Input    |
| <b>5</b> | AUDIO IN, RCA Connector  |          |                       |

## Available Model

S04-TURBO-G3, S08-TURBO-G3