

# DS-8104/8108/8116HCI-ST Standalone DVR



## Key Features

- H.264 video compression
- Up to 4CIF resolution recording
- VGA output at 1280 × 1024 resolution
- Simultaneous VGA, main CVBS and spot video outputs
- Dual-stream
- 4/8/16-ch synchronous playback
- SADP (IP Finder), NTP, NDP, DHCP protocols



Rear Panel of DS-8116HCI-ST



- |                         |  |
|-------------------------|--|
| 1. Video in, audio in   | 8. USB interface   |
| 2. Video spot out       | 9. eSATA interface   |
| 3. Video out, audio out | 10. Termination switch                                     |
| 4. Line in              | 11. RS-485 interface, controller port, alarm in, alarm out |
| 5. VGA                  | 12. GND  |
| 6. RS-232               | 13. 100-240 VAC power supply                               |
| 7. LAN interface        |  |

## Specifications

|                             | DS-8104HCI-ST   | DS-8108HCI-ST     | DS-8116HCI-ST     |
|-----------------------------|---|-------------------|-------------------|
| <b>Video/Audio input</b>    |   |                   |                   |
| Analog video input          | 4-ch  | 8-ch              | 16-ch             |
|                             | BNC connector (1.0 Vp-p, 75 Ω); PAL / NTSC self-adaptive                          |                   |                   |
| Audio input                 | 4-ch  | 8-ch              | 16-ch             |
|                             | BNC connector (2.0 Vp-p, 1 kΩ)  |                   |                   |
| Voice talk input            | 1-ch, BNC connector (2.0 Vp-p, 1 kΩ)  |                   |                   |
| <b>Video/Audio output</b>   |   |                   |                   |
| CVBS output                 | 1-ch, BNC connector (1.0 Vp-p, 75 Ω); Resolution: PAL: 704×576, NTSC:704×480      |                   |                   |
| VGA output                  | 1-ch, resolution: 1280×1024 /60 Hz , 1024×768 /60 Hz                              |                   |                   |
| Audio output                | 1-ch, BNC connector (2.0 Vp-p, 600 Ω)   |                   |                   |
| <b>Video/Audio encoding</b> |   |                   |                   |
| Video compression           | H.264   |                   |                   |
| Encoding resolution         | 4CIF / 2CIF / CIF   |                   |                   |
| Frame rate                  | 25fps (P) / 30fps (N)   |                   |                   |
| Video bit rate              | 32 kbps~2048 kbps, or user defined (Max. 3072 kbps)                               |                   |                   |
| Stream type                 | Video, Video & Audio  |                   |                   |
| Dual-stream                 | Support   |                   |                   |
| Audio compression           | G.711   |                   |                   |
| Audio bit rate              | 64kbps  |                   |                   |
| Synchronous playback        | 4-ch  | 8-ch              | 16-ch             |
| <b>Hard disk</b>            |   |                   |                   |
| SATA                        | 4 SATA interfaces   | 8 SATA interfaces | 8 SATA interfaces |
| eSATA                       | 1 eSATA interface   |                   |                   |
| Capacity                    | Up to 2TB capacity for each disk  |                   |                   |
| <b>External interface</b>   |   |                   |                   |
| Network interface           | 1, RJ45 10M / 100M self-adaptive ethernet interface                               |                   |                   |
| Serial interface            | 1 RS-485 serial interface, 1 RS-485 keyboard interface, 1 RS-232 serial interface |                   |                   |
| USB interface               | 3, USB2.0   |                   |                   |
| Alarm in                    | 4   | 16                | 16                |
| Alarm out                   | 2   | 4                 | 4                 |
| <b>General</b>              |   |                   |                   |
| Power supply                | 100 ~ 240 VAC, 6.3A, 50 ~ 60Hz  |                   |                   |
| Consumption                 | ≤ 50W (without hard disk or DVD-R/W)  |                   |                   |
| Working temperature         | -10 °C ~ +55 °C   |                   |                   |
| Working humidity            | 10% ~ 90%   |                   |                   |
| Chassis                     | 19-inch rack mounted 2U chassis   |                   |                   |
| Dimensions (W × D × H)      | 450 × 450 × 95 mm   |                   |                   |
| Weight                      | ≤ 8kg (without hard disk or DVD-R/W)  |                   |                   |