The DS-7316HFHI-ST HD-SDI DVR records at real-time 1080p giving outstanding image quality at 25fps enabling any incidents to be captured in the highest resolution without missing anything on any channel, all at broadcast quality. The DVR has excellent LAN capability and comes with powerful CMS software as standard for viewing multiple sites from one location, or you can use the built in web server to stream video directly to Internet Explorer or to your mobile phone (I-Phone, Android) with the added bonus of an inbuilt DDNS service. Other notable features include the easy to setup email notification and an extremely easy to use backup facility. The DVRs have 4 alarm inputs so you can trigger a recording with PIRs, door contacts or other third party equipment, for a totally flexible installation.

**FEATURES:**
- 16-ch HD-SDI video
- H.264 & dual-stream video compression
- 1920 x 1080P resolution real-time recording
- HDMI and VGA output at up to 1920 x 1080P resolution
- Gigabit network interfaces
- HDD quota and group management
- 4 SATA, 1 eSATA, 3 USB2.0

**VIDEO / AUDIO INPUT**
- HD-SDI Video Input 16-ch
- H.264 & dual-stream video compression
- 1920 x 1080P resolution real-time recording
- Camera Types
  - 1080/ 60, 1080/ 50, 1080P/ 30, 1080P/ 25, 720P/ 60
  - 720P/ 50, 720P/ 30, 720P/ 25
- Audio Compression
  - 0.771u
- Audio Input
  - 4-ch, RCA (0.8 Vpp, 1 KΩ)
- Two-way Audio In
  - 1-ch, RCA (2.0 Vpp, 1 KΩ)

**VIDEO / AUDIO OUTPUT**
- HDMI / VGA Output
  - 1920 x 1080 / 60Hz, 1280 x 1024 / 60Hz, 1280 x 720 / 60Hz
- CVBS Output
  - 1-ch, BNC (1.0 Vpp, 75 Ω), resolution: PAL: 704 x 576, NTSC: 704 x 480
- Encoding Resolution
  - Main stream: 1080P/ 720P/ VGA / 4CIF / CIF
  - Sub-stream: 4CIF (non-real time) CIF / QCIF / QVGA
- Frame Rate
  - Main stream: 1/16 fps ~ Real time frame rate
  - Sub-stream: 1/16 fps ~ Real time frame rate
- Video Bitrate
  - 32 Kbps-16 Mbps
- Audio Output
  - 2-ch, RCA (Linear; 1/16, for VGA output and CVBS output respectively)
- Audio Bitrate
  - 64 Kbps
- Dual-Stream Support
- Stream Type
  - Video, audio & audio
- Synchronous Playback
  - 16-ch
- Playback Resolution
  - 1080P / 720P / VGA / 4CIF / CIF / QVGA / QCIF

**NETWORK MANAGEMENT**
- Output Bandwidth
  - 200Mbps
- Remote Connection
  - TCP/IP, PPTP, PPPOE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, ISCSI, UPnP™
- HARD DISK
  - Type
    - 4 SATA interfaces for 4 HDDs; 1 eSATA interface
  - Capacity
    - up to 4TB capacity for each disk
- EXTERNAL INTERFACE
  - Network Interface
    - 1: 10M / 100M / 1000M self-adaptive Ethernet interface
  - Serial Interface
    - RS-232, RS-485, keyboard
  - USB Port
    - 3 x USB2.0
- Alarm In / Out
  - 16/4

**GENERAL**
- Power Supply
  - 100 - 240VAC, 47 ~ 63HZ
- Consumption
  - 58W (without hard disk)
- Working Temperature
  - -10 °C ~ +55 °C (14°F ~ 131°F)
- Working Humidity
  - 10% ~ 90%
- Chassis
  - 19-inch rack-mounted 2U chassis
- Dimensions (W x D x H)
  - 440 x 70 x 390 (17.3 x 2.7 x 15.3 inch)
- Weight
  - ≤8Kg (without hard disks)