

# DH-HCVR8816S-S3

16ch 2U Ultra 1080P HDCVI DVR



## Features

- > Support HDCVI/AHD/Analog/IP Video input
- > H.264 dual-stream video compression
- > All channel 1080P realtime recording
- > HDMI 1/VGA simultaneous video output,HDMI2/VGA(HDMI1) independent video output
- > 16 channel synchronous realtime playback, GRID interface & smart search
- > Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- > ONVIF Version 2.4.1 conformance
- > 3D intelligent positioning with Dahua PTZ dome camera
- > Support 8 SATA HDDs up to 64TB,4 USB(2 USB3.0)
- > Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)
- > Advanced intelligent functions: Tripwire, Intrusion, Abandoned/Missing, Scene Change, Face Detection, People Counting, Smart Tracking

# DH-HCVR8816S-S3

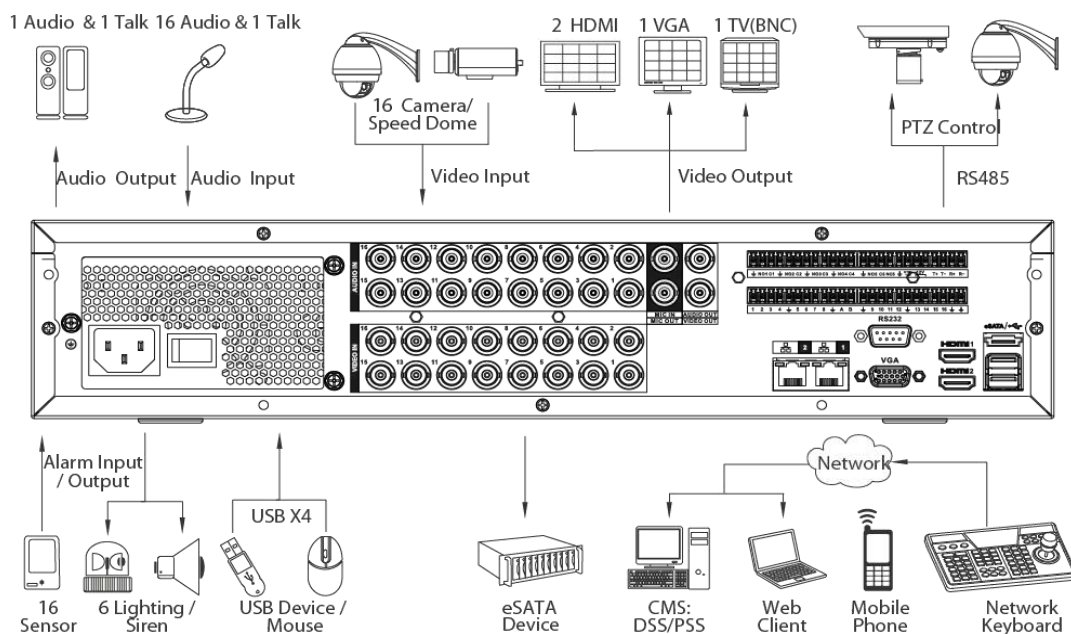
## Technical Specifications

|                                     |              |  |
|-------------------------------------|--------------|--|
| <b>Model</b>                        |              | <b>DH-HCVR8816S-S3</b>   |
| <b>System</b>                       |              |  |
| Main Processor                      |              | Embedded Processor   |
| Operating System                    |              | Embedded LINUX   |
| <b>Video</b>                        |              |  |
| Input                               |              | 16 channel, BNC  |
| Standard                            | Analog       | NTSC/PAL   |
|                                     | HDCVI        | 1080P/720P HDCVI Camera  |
|                                     | IP           | 16+48 up to 12Mp   |
| <b>Audio</b>                        |              |  |
| Input                               |              | 16 channel, BNC  |
| Output                              |              | 1 channel, BNC   |
| Two-way Talk                        |              | 1 channel BNC(independent)   |
| <b>Display</b>                      |              |  |
| Interface                           |              | HDMI1(4K), HDMI2( 1080P), 1 VGA,VIDEO OUT  |
| Resolution                          |              | 3840×2160(HDMI1.),1920×1080, 1280×1024, 1280×720, 1024×768   |
| Display Split                       |              | 1/4/8/9/16/25/36   |
| Privacy Masking                     |              | 4 rectangular zones (each camera)  |
| OSD                                 |              | Camera title, Time, Video loss, Camera lock, Motion detection, Recording   |
| <b>Recording</b>                    |              |  |
| Video Compression                   |              | H.264  |
| Audio Compression                   |              | G.711/PCM  |
| Record Rate                         | Main Stream: | 1080P(1~30fps)<br>/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps)   |
|                                     | Extra Stream | 960H/D1/CIF/QCIF(1~25/30fps)   |
|                                     | Bit Rate     | 32~8192Kb/s  |
| Record Mode                         |              | Manual, Schedule(Regular(Continuous), MD), Stop  |
| Record Interval                     |              | 1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec  |
| <b>Video Detection</b>              |              |  |
| Trigger Events                      |              | Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips  |
| Video Detection                     |              | Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank  |
| <b>Alarm Input</b>                  |              | 16 channel   |
| <b>Relay Output</b>                 |              | 6 channel  |
| <b>Intelligent Video (Optional)</b> |              | Tripwire, Intrusion, Abandoned/Missing, Face Detection   |
| <b>Playback &amp; Backup</b>        |              |  |
| Sync Playback                       |              | 1/4/9/16   |
| Search Mode                         |              | Time/Date, MD & Exact search (accurate to second)  |
| Playback Functions                  |              | Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, |

# DH-HCVR8816S-S3

|                            |  |
|----------------------------|--|
|                            | Digital zoom   |
| Backup Mode                | USB Device/Internal SATA burner/Network  |
| <b>Network</b>             |  |
| Ethernet                   | 2 Gigabit ports  |
| Network Functions          | HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P |
| Max. User Access           | 128 users  |
| Smart Phone                | iPhone, iPad, Android, Windows Phone   |
| <b>Storage</b>             |  |
| Internal HDD               | 8 SATA ports, up to 64TB, 1 eSATA  |
| <b>Auxiliary Interface</b> |  |
| USB Interface              | 4 ports (2 Rear USB3.0, 2 Front USB2.0)  |
| RS232                      | 1 port, For PC communication & Keyboard  |
| RS485                      | 1 port, For PTZ control  |
| <b>General</b>             |  |
| Power Supply               | AC100V-240V,50/60Hz  |
| Power Consumption          | ≤40W(without HDD)  |
| Working Environment        | -10°C ~ +55°C / 10%~90%RH / 86~106kpa  |
| Dimension(W×D×H)           | 2U, 440mm×460mm×89mm   |
| Weight                     | 7.5KG(without HDD)   |

## System Connection



Take HCVR8816S-S3 as an example

### Dahua Technology Co., Ltd.

1199' BinAn Road, Binjiang District, Hangzhou, China

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: [overseas@dahuatech.com](mailto:overseas@dahuatech.com)

[www.dahuatech.com](http://www.dahuatech.com)

\*Design and specifications are subject to change without notice.

© 2015 Dahua Technology Co., Ltd.