

## DH-DVR5804/5808/5816

4/8/16 Channel Entry-level D1 2U Standalone DVR



### Features

- > Up to 4/8/16 cameras with 1080p realtime preview
- > H.264 dual-stream video compression
- > Full channel @D1(4CIF) realtime recording
- > HDMI / VGA / TV simultaneous video output
- > All channel synchronous realtime playback, GRID interface & smart search
- > 3D intelligent positioning with Dahua PTZ dome camera
- > Support 8 SATA HDD up to 32TB, 4 USB2.0
- > Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

# DH-DVR5804/5808/5816

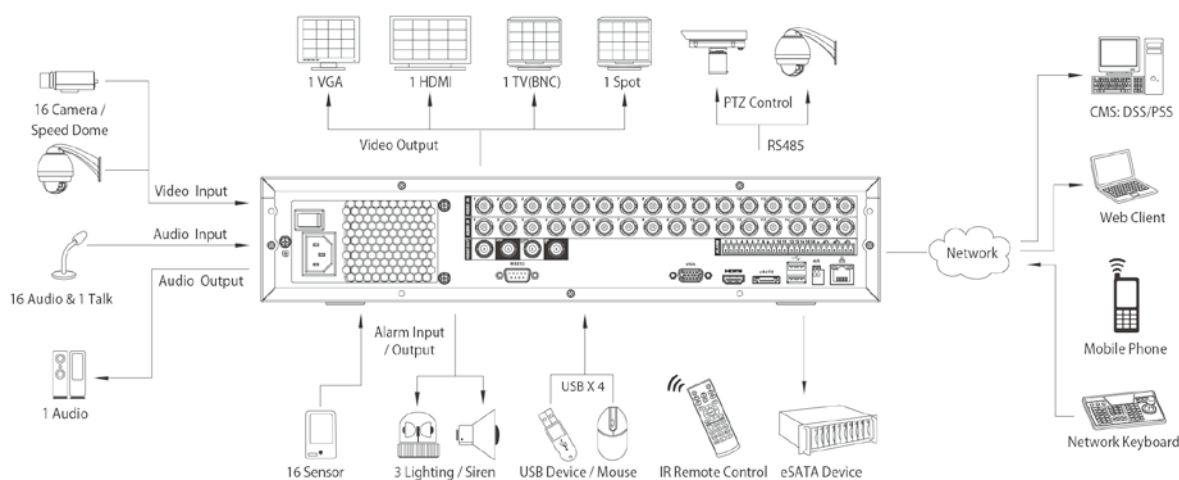
## Technical Specifications

| Model                   |              | DH-DVR5804                                                                                                                                                            | DH-DVR5808     | DH-DVR5816      |
|-------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|
| System                  |              |                                                                                                                                                                       |                |                 |
| Main Processor          |              | Embedded processor                                                                                                                                                    |                |                 |
| Operating System        |              | Embedded LINUX                                                                                                                                                        |                |                 |
| Video                   |              |                                                                                                                                                                       |                |                 |
| Input                   |              | 4 channel, BNC                                                                                                                                                        | 8 channel, BNC | 16 channel, BNC |
| Standard                |              | NTSC(525Line, 60f/s), PAL(625Line, 50f/s)                                                                                                                             |                |                 |
| Audio                   |              |                                                                                                                                                                       |                |                 |
| Input                   |              | 4 channel, BNC                                                                                                                                                        | 8 channel, BNC | 16 channel, BNC |
| Output                  |              | 1 channel, BNC                                                                                                                                                        |                |                 |
| Two-way Talk            |              | 1 channel Input, 1 channel Output(reuse the audio output channel), BNC                                                                                                |                |                 |
| Display                 |              |                                                                                                                                                                       |                |                 |
| Interface               |              | 1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC                                                                                                                                      |                |                 |
| Resolution              |              | 1920×1080, 1280×1024, 1280×720, 1024×768                                                                                                                              |                |                 |
| Display Split           |              | 1/4                                                                                                                                                                   | 1/4/8/9        | 1/4/8/9/16      |
| Privacy Masking         |              | 4 rectangular zones (each camera)                                                                                                                                     |                |                 |
| OSD                     |              | Camera title, Time, Video loss, Camera lock, Motion detection, Recording                                                                                              |                |                 |
| Recording               |              |                                                                                                                                                                       |                |                 |
| Video/Audio Compression |              | H.264 / G.711                                                                                                                                                         |                |                 |
| Image Resolution        |              | D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)                                                |                |                 |
| Record Rate             | Main Stream: | D1/HD1/2CIF/CIF(1~25/30fps)                                                                                                                                           |                |                 |
|                         | Extra Stream | CIF/QCIF(1~25/30fps)                                                                                                                                                  |                |                 |
| Bit Rate                |              | 48~4096Kb/s                                                                                                                                                           |                |                 |
| Record Mode             |              | Manual, Schedule(Regular(Continuous), MD, Alarm), Stop                                                                                                                |                |                 |
| Record Interval         |              | 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec                                                                                            |                |                 |
| Video Detection & Alarm |              |                                                                                                                                                                       |                |                 |
| Trigger Events          |              | Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips                                                                                       |                |                 |
| Video Detection         |              | Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank                                                                                                     |                |                 |
| Alarm Input             |              | 4 channel                                                                                                                                                             | 8 channel      | 16 channel      |
| Relay Output            |              | 3 channel                                                                                                                                                             |                |                 |
| Playback & Backup       |              |                                                                                                                                                                       |                |                 |
| Sync Playback           |              | 1/4                                                                                                                                                                   | 1/4/9          | 1/4/9/16        |
| Search Mode             |              | Time/Date, Alarm, MD & Exact search (accurate to second), Smart search                                                                                                |                |                 |
| Playback Functions      |              | Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom |                |                 |

## DH-DVR5804/5808/5816

|                            |                                                                                                           |     |     |
|----------------------------|-----------------------------------------------------------------------------------------------------------|-----|-----|
| Backup Mode                | USB Device / Network                                                                                      |     |     |
| <b>Network</b>             |                                                                                                           |     |     |
| Ethernet                   | RJ-45 port (10/100M/1000M)                                                                                |     |     |
| Network Functions          | HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server |     |     |
| Max. User Access           | 20 users                                                                                                  |     |     |
| Smart Phone                | iPhone, iPad, Android, Windows Phone                                                                      |     |     |
| <b>Storage</b>             |                                                                                                           |     |     |
| Internal HDD               | 8 SATA ports(8HDDs or 6HDDs + 1CD/DVD-RW), up to 32TB                                                     |     |     |
| External HDD               | 1 eSATA port (Max 4 SATA HDDs), up to 16TB                                                                |     |     |
| <b>Auxiliary Interface</b> |                                                                                                           |     |     |
| USB Interface              | 4ports (1 Rear), USB2.0                                                                                   |     |     |
| RS232                      | 1 port, For PC communication & Keyboard                                                                   |     |     |
| RS485                      | 1 port, For PTZ control                                                                                   |     |     |
| <b>Environmental</b>       |                                                                                                           |     |     |
| Power Supply               | AC100~240V, 50/60Hz                                                                                       |     |     |
| Power Consumption          | 25W                                                                                                       | 30W | 40W |
| Working Environment        | -10 ~ +55°C / 10~90%RH / 86~106kpa                                                                        |     |     |
| Dimension(W×D×H)           | 2U, 440mm×460mm×89mm                                                                                      |     |     |
| Weight                     | 6.5KG(without HDD)                                                                                        |     |     |

## System Connection



\* Take DVR5816 as an example

### Dahua Technology Co., Ltd.

1187 BinAn Road, Binjiang District, Hangzhou, China

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: overseas@dahuatech.com

www.dahuatechsecurity.com

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

© 2013 Dahua Technology Co., Ltd.