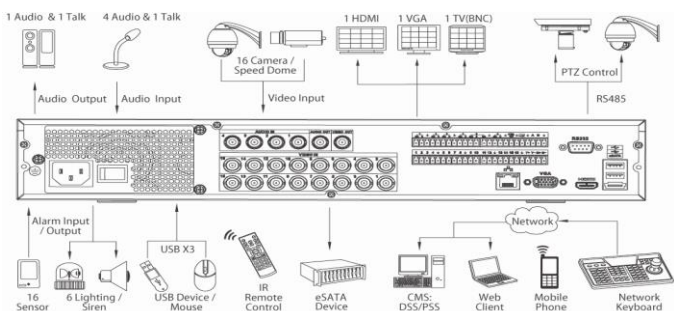




## FEATURES

- Up to 16 cameras with 1080p realtime preview
- H.264 dual-stream video compression
- All channel @720P
- HDMI/VGA/BNC simultaneous video output
- All channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with PTZ dome camera
- Support 4 SATA HDDs up to 16TB, 1eSATA up to, 3 USB2.0
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

## DIMENTION



## SPECIFICATION

|                              |                                                                                                                                                                       |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>System</b>                |                                                                                                                                                                       |
| Main Processor               | Embedded processor                                                                                                                                                    |
| Operating System             | Embedded LINUX                                                                                                                                                        |
| <b>Video</b>                 |                                                                                                                                                                       |
| Input                        | 16 channel, BNC                                                                                                                                                       |
| Standard                     | NTSC(525Line, 60f/s), PAL(625Line, 50f/s)                                                                                                                             |
| <b>Audio</b>                 |                                                                                                                                                                       |
| Input                        | 4 channel, RCA                                                                                                                                                        |
| Output                       | 1 channel, RCA                                                                                                                                                        |
| Two-way Talk                 | Reuse audio input/output channel 1                                                                                                                                    |
| <b>Display</b>               |                                                                                                                                                                       |
| Interface                    | 1 HDMI, 1 VGA, 1 BNC                                                                                                                                                  |
| Resolution                   | 1920×1080, 1280×1024, 1280×720, 1024×768, 800×600                                                                                                                     |
| Display Split                | 1/4/8/9/16                                                                                                                                                            |
| Privacy Masking              | 4 rectangular zones (each camera)                                                                                                                                     |
| OSD                          | Camera title, Time, Video loss, Camera lock, Motion detection, Recording                                                                                              |
| <b>Recording</b>             |                                                                                                                                                                       |
| Video/Audio Compression      | H.264 / G.711                                                                                                                                                         |
| Resolution                   | 720P(1280×720/1280×600)/960H(960×576/960×480)/D1/4CIF(704×576/704×480) / CIF(352×288/352×240) / QCIF(176×144/176×120)                                                 |
| Record Rate                  | Main Stream : 720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)                                                                                                                   |
|                              | Extra Stream : CIF/QCIF(1~25/30fps)                                                                                                                                   |
| Bit Rate                     | 48~6144Kb/s                                                                                                                                                           |
| Record Mode                  | Manual, Schedule(Regular(Continuous), MD), Stop                                                                                                                       |
| Record Interval              | 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec                                                                                            |
| <b>Video Detection</b>       |                                                                                                                                                                       |
| Trigger Events               | Recording, PTZ, Tour, Video Push, Email, FTP, Spot, Buzzer & Screen tips                                                                                              |
| Video Detection              | Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank                                                                                                     |
| Alarm Input                  | 16 channel                                                                                                                                                            |
| Relay Output                 | 6 channel                                                                                                                                                             |
| <b>Playback &amp; Backup</b> |                                                                                                                                                                       |
| Sync Playback                | 1/4/8/16                                                                                                                                                              |
| 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, Digital zoom |
| Backup Mode                  | USB Device / Network                                                                                                                                                  |
| <b>Network</b>               |                                                                                                                                                                       |
| Ethernet                     | RJ-45 port (10/100M1000M)                                                                                                                                             |
| Network Functions            | HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, P2P                                                        |
| Max. User Access             | 128 users                                                                                                                                                             |
| Smart Phone                  | iPhone, iPad, Android, Windows Phone                                                                                                                                  |
| <b>Storage</b>               |                                                                                                                                                                       |
| Internal HDD                 | 4 SATA ports, up to 16TB                                                                                                                                              |
| External HDD                 | 1 eSATA port (Max 4 SATA HDDs), up to 16TB                                                                                                                            |
| <b>Auxiliary Interface</b>   |                                                                                                                                                                       |
| USB Interface                | 3 ports (2 Rear), USB2.0                                                                                                                                              |
| RS232                        | 1 port, For PC communication & Keyboard                                                                                                                               |
| RS485                        | 1 port, For PTZ control                                                                                                                                               |
| <b>Environmental</b>         |                                                                                                                                                                       |
| Power Supply                 | AC 100~240 V, 50/60 Hz                                                                                                                                                |
| Power Consumption            | 40W                                                                                                                                                                   |
| Working Environment          | -10 ~+55°C / 10~90%RH / 86~106kpa                                                                                                                                     |
| Dimension(W× D× H)           | 1.5U, 440mm× 460mm× 68mm                                                                                                                                              |
| Weight                       | 6KG (without HDD)                                                                                                                                                     |

