

## LZ-DVR-6004HD



### MAIN FEATURES

- Remote control easily & conveniently without any complicated setting.
- Compression algorithm upgraded to H.264 High Profile, more advanced video compression technique makes the code stream lowered at least 30%.
- Support main stream and extra stream encode synchronously. Main stream is for local storage, extra stream is for network real-time transmission, to easily solve the bottleneck problem of bandwidth.
- Support all kinds of mobile monitor (iPhone, Andriod).
- Supporting HDMI / VGA / TV simultaneous video output.
- Similarly WINDOWS operating interface design, powerful right-click menus, to let you experience easily and conveniently.
- Powerful net service(support DHCP/ADSL, PPPOE,DDNS, NTP, UDP, TCP/IP, etc), complete enclosure(WEB, CMS), to easily achieve interconnection.
- For web browsers, compatible with 32-bit Internet Explorer, 360,and Sogou,,Google, Mozilla Firefox,etc.
- Supporting DDNS Service : DynDNS, NO-IP, Myq-See, Oray, 3322,and so on.
- Support alarm triggered recording will send alerts matter to the designated email. Support pre-alarm recording (before 10 sec), not lose any suspicious screen.
- Channel switching is independent from the local site, allowing users to have private image monitoring remotely.
- Allows live display, record, playback, backup, network and mobile surveillance at the same time.
- Two USB2.0, supporting USB mouse, backup, record,and upgrade ,etc .
- 14 kinds of language to break the national boundaries
- System auto recovery after power failure



## Technical Specification

| Model                     |                     | LZ-DVR- 6004HD                                                                                                                                       |
|---------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| System                    | Main processor      | Industrial grade embedded micro controller chip<br>Huawei Hisilicon chipset Hi3515A                                                                  |
|                           | Operating system    | Embedded LINUX operating system                                                                                                                      |
|                           | System resource     | Multi-channel real-time recording<br>synchronously, multi-channel real-time<br>playback, multi-channel multi-user network<br>operation, USB back up. |
| Interface                 | Operation interface | 16 bit real color GUI interface support mouse<br>operation                                                                                           |
|                           | Display screen      | 1/2/4 Screen                                                                                                                                         |
| Video                     | Video standard      | PAL(625 lines, 50fps); NTSC(525lines, 60fps)                                                                                                         |
|                           | Image encode        | H.264(Main Profile)                                                                                                                                  |
|                           | Monitor quality     | Monitor : D1; VGA&HDMI(<br>1280*1024 ; 1024*768)                                                                                                     |
|                           | Playback quality    | 960H/D1/CIF                                                                                                                                          |
|                           | Encode capability   | 4ch 960H@15fps / 4ch D1@25fps                                                                                                                        |
|                           | Decode capability   | 2ch 960H@15fps / 4ch D1@18fps                                                                                                                        |
| Audio                     | Audio compression   | G.711A                                                                                                                                               |
| Record<br>and<br>playback | Record mode         | Manual, alarm, motion detection, timing                                                                                                              |
|                           | Local playback      | 2ch 960H@15fps / 4ch D1@18fps playback                                                                                                               |
|                           | Video search        | Time, date, event, channel search                                                                                                                    |
| Storage<br>and back<br>up | Space occupation    | Video 720P: 10G -42G / day*channel, 1080P :c<br>20G- 80G/ day* channel. Audio 691.2 M/ day*<br>channel                                               |
|                           | Video storage       | Local Hard Disk, Network                                                                                                                             |
|                           | Back up mode        | Network backup, USB portable HDD, USB (FAT32<br>form)                                                                                                |
| Interface                 | Video input         | 4ch BNC(1.0Vp-p, 75Ω)                                                                                                                                |
|                           | Video output        | 1 ch BNC(1.0Vp-p,75Ω), 1ch VGA , 1ch HDMI                                                                                                            |
|                           | Audio input         | 4ch RCA (200-2800mV,30KΩ)                                                                                                                            |
|                           | Audio output        | 1ch RCA (200-3000mV,5KΩ)                                                                                                                             |
|                           | Alarm input         | 4ch (customizable)                                                                                                                                   |
|                           | Alarm output        | 1ch (customizable)                                                                                                                                   |
|                           | Network port        | 1*RJ45 10/100 Base-T self-adaptive Ethernet<br>port                                                                                                  |
|                           | PTZ control         | 1*RS485 port, Support more than 5 kinds<br>protocols.                                                                                                |
|                           | USB port            | 2* USB 2.0 port                                                                                                                                      |
|                           | HDD port            | 1* SATA HDD interface, (1 HDD capacity up to                                                                                                         |



|               |                                       |                                                                                          |
|---------------|---------------------------------------|------------------------------------------------------------------------------------------|
|               |                                       | 2TB)                                                                                     |
|               | <b>Wireless port</b>                  | 3G & WIFI (extended by USB)                                                              |
| <b>User</b>   | <b>User level</b>                     | Admin                                                                                    |
|               | <b>User right</b>                     | Users can set different permissions (How to use please refer to the manual book)         |
|               | <b>Password protection</b>            | YES                                                                                      |
| <b>Remote</b> | <b>Remote Independent Operation</b>   | YES                                                                                      |
|               | <b>Download records</b>               | YES                                                                                      |
|               | <b>Remote Event Trigger Recording</b> | YES                                                                                      |
|               | <b>CMS</b>                            | CMS Software for multiple DVR (up to 255 DVR simultaneously)                             |
|               | <b>Browser</b>                        | Internetie32-bit、360、Sogou、Google、Mozilla Firefox                                        |
|               | <b>Live Audio</b>                     | YES                                                                                      |
|               | <b>On-line user</b>                   | Max.10                                                                                   |
|               | <b>Mobile Surveillance</b>            | YES (Supporting iPad, iPhone, Android ; iPad, iPhone, Andriod remote playback function ) |
|               | <b>Network Protocol</b>               | DHCP/ADSL、PPPOE、SMTP、TCP / IP、DDNS、Wireless dial、WIFI、P2P                                |
| <b>Other</b>  | <b>Power</b>                          | DC 12V / 2A                                                                              |
|               | <b>Consumption</b>                    | <10W (without HDD)                                                                       |
|               | <b>Temperature</b>                    | 0°C ~ +55°C                                                                              |
|               | <b>IR remote controller</b>           | Remotely control DVR and PTZ cameras via IR transmitter (IR receiver built-in)           |
|               | <b>Remote control</b>                 | Yes                                                                                      |
|               | <b>Cooling fan</b>                    | NO                                                                                       |
|               | <b>Tour</b>                           | YES                                                                                      |
|               | <b>Dimensions (mm)<br/>** +/- 3mm</b> | 325mm(L)* 245mm(W)* 52mm(H)                                                              |
|               | <b>System Recovery</b>                | System auto recovery after power failure                                                 |

#### Ordering Information:

**LZ-DVR-6004HD:** LANZONE 4 channel BNC video input, 1 channel BNC/VGA/HDMI output Standalone DVR system.

