

# Standalone LN CUBE LITE Series



## Models

|                      |  |
|----------------------|--|
| DH-DVR0404LNM-S LITE | 4 channel audio/video basic model without LCD      |
| DH-DVR0404LND-S LITE | 4 channel audio/video basic model without 5.6" LCD |

## Product Features

- H.264 compression algorithm ideal for standalone DVR
- Real-time live display up to 4 cameras, 100/120 fps recording for CIF, 25/30 fps recording for 4CIF
- Pentaplex function: live, recording, playback, backup & remote access
- Multiple control methods: Front panel, IR remote controller, NVdigital keyboard, USB mouse and network keyboard
- Smart video detection: motion detection, camera blank, video loss
- Smart camera settings: privacy masking, camera lock, color setting, and title display
- Pan Tilt Zoom and Speed Dome Control: more than 60 protocols supported, preset, scan, auto pan, auto tour, pattern, auxiliary function supported.
- Easy backup methods: USB devices, network download
- Alarm triggering screen tips, buzzer, PTZ preset.
- Powerful network software: built-in web server, multi-DVR client & CMS. Networking access for remote live viewing, recording, playback, setting, system status, event log.

## Specification

### SYSTEM

|                  |   |
|------------------|---|
| Main Processor   | High performance embedded microprocessor  |
| Operating System | Embedded LINUX  |
| System Resources | Pentaplex function: live, recording, playback, backup & remote access               |
| User Interface   | GUI, on-screen menu tips.   |
| Control Device   | Front panel, USB mouse, NVdigital keyboard, IR remote control, network keyboard,.   |
| Input Method     | Numeral / Character / Denotation  |
| System Status    | HDD status, data stream statistics, log record, bios version, on-line user and etc. |

### VIDEO

| Video Input          | 4-channel, BNC, 1.0Vp-p, 75Ω,  |               |            |          |           |     |           |
|----------------------|--|---------------|------------|----------|-----------|-----|-----------|
| Video Output         | 1-channel TV output BNC, 1.0Vp- p, 75Ω, 1 VGA output   |               |            |          |           |     |           |
| Video Standards      | 625Line 50f/s  |               |            |          |           |     |           |
| Video Compression    | H.264  |               |            |          |           |     |           |
| Video Resolution     | <table><thead><tr><th><u>Format</u></th><th><u>PAL</u></th></tr></thead><tbody><tr><td>D1(4CIF)</td><td>704 X 576</td></tr><tr><td>CIF</td><td>352 X 288</td></tr></tbody></table> | <u>Format</u> | <u>PAL</u> | D1(4CIF) | 704 X 576 | CIF | 352 X 288 |
| <u>Format</u>        | <u>PAL</u>   |               |            |          |           |     |           |
| D1(4CIF)             | 704 X 576  |               |            |          |           |     |           |
| CIF                  | 352 X 288  |               |            |          |           |     |           |
| Video Recording      | CIF: 1f/s ~ 25f/s  |               |            |          |           |     |           |
| Video Display Split  | Full and multiple screen display, 1 / 4  |               |            |          |           |     |           |
| Tour Display         | Supported  |               |            |          |           |     |           |
| Image Quality        | 1~6 level (Level 6 is the best)  |               |            |          |           |     |           |
| Privacy Masking      | Self-defined four-sided zone for privacy masking for each camera   |               |            |          |           |     |           |
| Camera Lock          | Camera locked for users  |               |            |          |           |     |           |
| Camera Adjustment    | Adjust color according to different time period  |               |            |          |           |     |           |
| Video Information    | Camera title, time, video loss, camera lock, motion detection, recording   |               |            |          |           |     |           |
| TV Output Adjustment | Adjust TV output color & display zone  |               |            |          |           |     |           |

### AUDIO

|                   |                                  |
|-------------------|----------------------------------|
| Audio Input       | 4-channel, BNC, 200-2800mV, 30KΩ |
| Audio Output      | 1-channel, BNC, 200-3000mv, 5KΩ  |
| Audio Compression | ADPCM                            |

### VIDEO DETECTION & ALARM

|                  |  |
|------------------|--|
| Motion Detection | Zones: 192 (16*12) detection zones<br>Sensitivity: 1~6 (level 6 is highest)<br>Trigger recording, PTZ movement, tour, alarm. |
| Video Loss       | Trigger recording, PTZ movement, tour, alarm.  |
| Camera Masking   | Trigger recording, PTZ movement, tour, alarm.  |
| Alarm Input      | 4-channel, programmable, ground, manual open/close, Trigger recording, PTZ movement, tour, alarm                             |
| Relay Output     | 3-channel, 30VDC, 1A, NO/NC, form-C,   |

### **HARD DISK**

|                  |  |
|------------------|--|
| Hard Disk        | 1 SATA port (for 4 channel), 1 HDD supported       |
| Space Occupation | Audio □ 14.4MB/H Video □ 56 □ 400MB/H              |
| HDD Management   | Hard disk hibernation technology, HDD faulty alarm |

### **RECORD, PLAYBACK & BACKUP**

|                    |  |
|--------------------|--|
| Recording Mode     | Manual, continuous, video detection (including motion detection, camera masking, video loss), Alarm  |
| Recording Priority | Manual >Alarm >Video Detection >Continuous   |
| Recording Interval | 1 to 120 minutes (default: 60 minutes)   |
| Overwrite Mode     | Supported  |
| Raid Function      | Supported  |
| Search Mode        | Time/Date, Alarm, Motion Detection & exact search (accurate to second)   |
| Playback           | 4 channel playback simultaneously, Play, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection |
| Digital Zoom       | Selected zone can zoom into full screen during playback  |
| Backup Mode        | Flash disk / USB HDD / network download  |

### **NETWORK**

|                   |  |
|-------------------|--|
| Interface         | RJ-45 Port (10/100M)   |
| Network Functions | TCP/IP, DHCP, DDNS, PPPoE.   |
| Remote operation  | Monitor, PTZ control, playback, system setting, file download, log information |

### **AUXILIARY INTERFACE**

|               |   |
|---------------|---|
| USB Interface | Two USB 2.0 ports: 1 for mouse control, 1 for backup. |
| RS232         | Control keyboard, PC communication                    |
| RS485         | PTZ control   |

### **ENVIRONMENTAL**

|                     |                           |
|---------------------|---------------------------|
| Power Supply        | External, DC 12V          |
| Power Consumption   | 12W (Exclude HDD)         |
| Working Temperature | -10□ ~□ 55□               |
| Working Humidity    | 10%~90%                   |
| Atmosphere Pressure | 86kpa~106kpa              |
| Dimension           | 200mmx130mmx270mm (W*D*H) |
| Weight              | 6KG                       |
| Mounting            | Desktop or rack           |

## Connection Sample

