

# Standalone LN Lite Series



## Model

DH-DVR0404LN-S LITE

4 channel audio/video basic model

## Product Features

- H.264 compression algorithm ideal for standalone DVR
- Realtime 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. 4 channel audio inputs and bidirectional talk supported
- 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, e-mail & ftp function

## 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 etc.

### **Video**

Video Input	4 Channel, BNC, 1.0Vp-p, 75Ω,
Video Output	2 channel TV output BNC, 1.0Vp- p, 75Ω 1 VGA output
Video Standards	625Line □ 50f/s
Video Compression	H.264
Video Resolution	<u>Format</u> <u>PAL</u> D1(4CIF)      704 X 576 CIF              352 X 288
Video Recording	CIF: 1 f/s – 25 f/s □ 4CIF: 1 f/s – 6 f/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
Bidirectional Talk Input	1 channel, BNC, 200-2800mV, 30KΩ
Audio Output	2 channel, BNC, 200-3000mv, 5KΩ
Audio Compression	ADPCM

### **Hard Disk**

Hard Disk	1 SATA ports (for 4 channel),1 HDD supported
Space Occupation	Audio □ 1 4.4 MB/H    Video □ 56 □ 400 MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid (Redundancy)

## **VIDEO DETECTION & ALARM**

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

## **Record, Playback & Backup**

Recording Mode	Manual, continuous, video detection (including motion detection, camera blank, 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 stick / USB HDD / network download

## **Auxiliary Interface**

USB Interface	USB2.0, 2 ports, 1 for mouse control, 1 for backup
RS232	NVdigital keyboard, PC communication
RS485	PTZ control

## **Environmental**

Power Supply	External, DC 12V
Power consumption	25W
Working Temperature	- 10 ℃ ~ 55 ℃
Working Humidity	10%~ 90%
Atmosphere Pressure	86kpa~ 106kpa
Dimension	1U, 375mmx285mmx45mm (W*D*H)
Weight	3.25KG
Mounting	Desktop or rack

## Network

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

### Connection Sample

