



LE Series Digital Video Recorder

Features:

- Mouse & Remote Control
- DDNS Support
- HDMI Support
- USB Backup
- Dual encoding Stream support
- H.264 Enhanced Compression

**4 / 8 / 16 Channel High Performance
Embedded Digital Video Recorder**



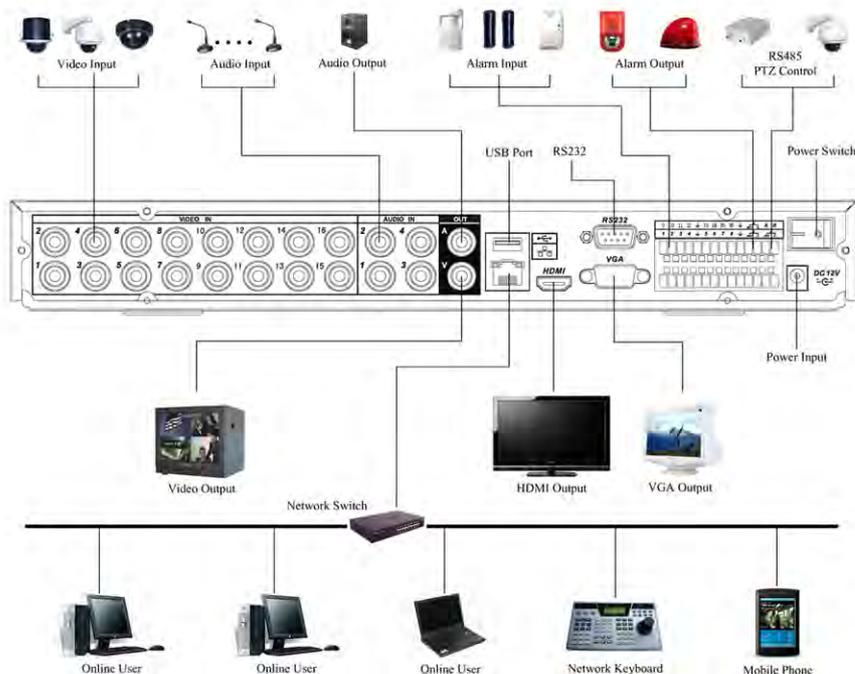
The LE Series DVR features high performance with H.264 Compression upto 480 fps display and record with 1080p high definition input, Dual encoding stream support flexible for network transmission. The LE series DVR supports 2 Channel D1 realtime recording in 16 channels and 1 Channel D1 realtime recording for 8 and 4 Channel DVRs.

The LE Series dvr can be connected to keyboard that can be used to control PTZ's, matrix controls and multiple dvr's. All controls are available through network also. Video / Audio data can easily be backed up to DVD/CD or USB key, that can be played back on any PC, make AVI files or take snapshots.

LE Series Digital Video Recorder: Specifications

| | | |
|------------------------------------|--|---------------------|
| 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, NKB 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 | 4/8/16 channel, BNC, 1.0Vp-p, 75? | |
| Video Output | 1 channel TV output, BNC, 1.0Vp-p, 75?, 1 VGA output, 1 HDMI output | |
| Video Standards | PAL(625Line, 50f/s), NTSC(525Line, 60f/s) | |
| Video Compression | H.264 | |
| Video Resolution | Format | NTSC PAL |
| | D1(4CIF) | 704 X 480 704 X 576 |
| | CIF | 352 X 240 352 X 288 |
| | QCIF | 176 X 120 176 X 144 |
| Video Recording | CIF/QCIF: PAL 1f/s~25f/s, NTSC 1f/s~30f/s; 4CIF: PAL 1f/s-25f/s NTSC 1f/s-30f/s; (1 st channel of DVR04LE, 1 st channel of DVR08LE, 1 st and 9 th channel of DV16LE can support D1 realtime recording) Dual encoding streams supported; | |
| Video Display Split | Full and multiple screen display, 1 / 4 / 8 / 9 / 16 | |
| Tour Display | Support | |
| Image Quality | 1~6 level(level 6 is the best) | |
| Privacy Masking | 4 self-defined four-sided zones 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 | 4/8/4 channel, BNC, 200-2800mV, 30KΩ | |
| Bidirectional Talk Input | 1 channel, BNC, 200-2800mV, 30KΩ | |
| Audio Output | 1 channel, BNC, 200-3000mv, 5KΩ | |
| Audio Compression | G.711 | |
| Video Detection & Alarm | | |
| Motion Detection | Zones: 396 (22*18) 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 | 4/8/16 channel, programmable, ground, manual open/closed Trigger recording, PTZ movement, tour, alarm |
| Relay output | 3/3/3 channel, 30VDC, 1A, NO/NC, form-C |
| Hard Disk | |
| Hard Disk | 1 SATA port, 1 HDD supported |
| Space Occupation | Audio: 14.4MB/H Video: 56~500MB/H |
| HDD Management | Hard disk hibernation technology, HDD faulty alarm |
| 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), Pre-record up to 30 seconds, Post-record up to 5 minutes |
| Overwrite Mode | Support |
| Search Mode | Time/Date, Alarm, Motion Detection & exact search (accurate to second) |
| Playback | 2 channel playback simultaneously, 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/ USB CD/DVD-RW/ Network download |
| Network | |
| Interface | RJ-45 Port (10/100M) |
| Network Functions | TCP/IP, PPPoE, DDNS, FTP, IP Filter, |
| Remote operation | Monitor, PTZ control, playback, system setting, file download, log information |
| Auxiliary Interface | |
| USB Interface | 2 ports, 1 for mouse control, 1 for backup |
| RS232 | NKB keyboard, PC communication |
| RS485 | PTZ control |
| Environmental | |
| Power Supply | 220V 50Hz / 110V 60Hz |
| Power consumption | 25W |
| Working Temperature | -10? ~+55? |
| Working Humidity | 10%~90% |
| Atmosphere Pressure | 86kpa~106kpa |
| Dimension | 1U, 375mmx285mmx45mm (W*D*H) |
| Weight | 2.35KG(without HDD) |
| Mounting | Desktop or rack |



Model Reference:

TS-DVR04LE - 4 Channel

TS-DVR08LE - 8 Channel

TS-DVR16LE - 16 Channel



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