

REAL-TIME, H.264 COMPACT DVR WITH IR REMOTE & MOUSE



VLDVR8 VLDVR16

- ▶ 8 / 16 Channel Digital Video Recorder with 4-Channels of Audio
- ▶ Variable Recording Speed (ips) and Image Quality by Camera
- ▶ 240 (8 ch) / 480 (16 ch) ips – CIF Resolution (360x240)
- ▶ 120 (8 ch) / 240 (16 ch) ips – 2CIF Resolution (720x240)
- ▶ 60 (8 ch) / 120 (16 ch) ips – D1 Resolution (720x480)
- ▶ Full-Function IR Remote Control
- ▶ Two Front USB Ports for Archiving and Mouse Control (Mouse Included)
- ▶ Multi-Screen Formats including Full Screen, PiP, 2x2, 1x5, 1x7, 3x3 and 4x4 (Depending on Model)
- ▶ Concurrent Composite / VGA Main Monitor Outputs
- ▶ User Friendly Graphical User Interface (GUI) with PTZ Control (RS-485)
- ▶ Programmable Event Action (up to 30 min. Pre-Event / 15 min. Post Event Recording)
- ▶ Built-in Motion Detection, Alarm-in and Video-Loss Alarm Inputs by Camera
- ▶ Search Function for Calendar, Date/Time, Event, and POS Text In
- ▶ Key-Lock Security / Up to 64 Groups with 256 Users
- ▶ Encrypted Video Files with Watermark
- ▶ Internet Time Synchronization and Built-in Web Server (IE Browser)
- ▶ ATVision Pro™ Remote Software Features Full Triplex Operation: Live Monitoring, Playback, Recording, Setup, PTZ control, Upgrades, Map Integration, Multi-Site System Health Monitoring with User Defined 64-Channel View and Customized Panel Design
- ▶ BlackBerry, iPhone, iPad, Windows Mobile and Android Compatible
- ▶ Expandable Internal Storage up to 2TB HDD

SPECIFICATIONS

| MODEL | 8-Ch DVR, VLDVR8- 500, -1TB, - 2TB HDD | | | |
|--|--|---|--------------------------------------|--|
| MODEL | 16-Ch DVR, VLDVR16-1TB, -2TB HDD | | | |
| V I D E O | Signal Format | NTSC or PAL (auto sensing) | | |
| | Video Input | Composite: 8, 16 inputs (depending on model) (non looping) | | |
| | Monitor Outputs | Composite: One (BNC) Main Video, 1Vp-p, 75-ohms RGB: VGA (DB-15) | | |
| | Display Resolution | Composite: 720x480 (NTSC) VGA: 800x600,1024x768, 1280x1024 @60hz | | |
| | Record Resolution | 360x240, 720x240, 720x480 (NTSC) | | |
| | Playback/Record Speed (ips) | 360x240 (CIF) 480 ips 240 ips | 720x240 (2CIF) 240 ips 120 ips | 720x480 (D1) 120 ips (16 ch) 60 ips (8 ch) |
| | Display Divisions | Full, PiP, 2x2, 1x5, 1x7, 3x3, 4x4 (depending on model) | | |
| | Zoom | 2X | | |
| | Quality | 4 levels (Basic, Standard, High, Very High) | | |
| | Record Mode | Manual, Schedule, Event (Motion, Sensor, Video Loss) | | |
| Codec | H.264 | | | |
| I N P U T S / O U T P U T S | Alarm Input | Up to 16 external sensor, (depending on model) Terminal Block | | |
| | Alarm Output | 1 relay output, terminal block, NC&NO | | |
| | Internal Buzzer | Yes (80db @ 10cm) | | |
| | Network Connectivity | 10/100 Base Ethernet | | |
| | Audio Input | 4 line level | | |
| | Audio Output | 1 line level | | |
| | Text Input | POS interface, ATM interface | | |
| C O N N E C T O R S | Video Input | Composite: 75Ω Termination: BNC | | |
| | Video Output | Non-looping | | |
| | Monitor Output | Composite: 1 BNC VGA: 1 15-pin D-sub | | |
| | Audio Input | 4 RCA | | |
| | Audio Output | 1 RCA | | |
| | Alarm Input | Up to 16 external sensor, Terminal Block | | |
| | Alarm Output | 1 Relay, Terminal Block | | |
| | Ethernet Port | RJ-45 | | |
| | RS-485 Serial Port | Terminal Block | | |
| | USB Port | 2 front panel-v2.0 | | |
| G E N E R A L | IR Port | 1 front panel, remote control | | |
| | Primary Storage | 1 HDD, 500GB, 1TB, 2TB | | |
| | Backup Storage | USB (HDD, CD-RW, Flash Drive) | | |
| | Dimensions (W x H x D) | 10.4" x 2.0" x 7.5" (265mm x 52mm x 191mm) (8 channel) 11.8" x 2.4" x 9.1" (300mm x 62mm x 232mm) (16 channel) | | |
| | Unit Weight | 3.7 lbs (1.7kg) (8 channel) 5.5 lbs (2.5kg) (16 channel) | | |
| | Shipping Weight | 7.3 lbs (3.3 kg) (8 channel) 8.5 lbs (3.85kg) (16 channel) | | |
| | Operating Temperature | 41°F - 104°F (5°C - 40°C) | | |
| | Operating Humidity | 0% to 90% Non-Condensing | | |
| | Power | 12VDC 1.2amp (8 channel) 12VDC 1.9amp (16 channel) | | |
| | Conformity Certifications | DVR: FCC, CE, RoHS Power Adapter: UL, CE, FCC, RoHS | | |

STORAGE DURATION

The VLDVR series records up to 480-ips at CIF (30-ips per channel). The tables illustrate a typical recording duration for CIF, 2CIF and D1 record resolutions with a single video input, with continuous video recording and no audio for the recorder. The actual storage duration will vary depending on the number of cameras recorded, image quality selected, recording speed, recording schedule, motion content of the images and the number of stored events.

500-GB HDD

| CIF (ips) | Basic Days | Standard Days | High Days | Very High Days |
|-----------|------------|---------------|-----------|----------------|
| 30 | 96.5 | 48.2 | 32.2 | 24.1 |
| 20 | 144.7 | 72.3 | 48.2 | 36.2 |
| 15 | 192.9 | 96.5 | 64.3 | 48.2 |
| 5 | 578.7 | 289.4 | 192.9 | 144.7 |
| 1 | 2893.5 | 1446.8 | 964.5 | 723.4 |

500-GB HDD

| 2CIF (ips) | Basic Days | Standard Days | High Days | Very High Days |
|------------|------------|---------------|-----------|----------------|
| 20 | 72.3 | 36.2 | 24.1 | 18.1 |
| 15 | 96.5 | 48.2 | 32.2 | 24.1 |
| 10 | 144.7 | 72.3 | 48.2 | 36.2 |
| 5 | 289.4 | 144.7 | 96.5 | 72.3 |
| 1 | 1446.8 | 723.4 | 482.3 | 361.7 |

500-GB HDD

| D1 (ips) | Basic Days | Standard Days | High Days | Very High Days |
|----------|------------|---------------|-----------|----------------|
| 20 | 36.2 | 18.1 | 12.1 | 9 |
| 10 | 72.36 | 36.2 | 24.1 | 18.1 |
| 5 | 144.7 | 72.3 | 48.2 | 36.2 |
| 1 | 723.4 | 361.7 | 241.1 | 180.8 |

Storage is for one input; divide by number of cameras used.

MODELS AVAILABLE

| | |
|-------------|----------------------|
| VLDVR8-500 | 8 Channel, 500GB HDD |
| VLDVR8-1TB | 8 Channel, 1TB HDD |
| VLDVR8-2TB | 8 Channel, 2TB HDD |
| VLDVR16-1TB | 16 Channel, 1TB HDD |
| VLDVR16-2TB | 16 Channel, 2TB HDD |

ACCESSORIES

| | |
|--------|-------------------------------|
| XDLBB2 | DVR Lock Box, Black (VLDVR16) |
| LB3S | DVR Lock Box, Black (VLDVR8) |