



KEY ADVANTAGES

- Record up to 30 fps NTSC, 25 fps PAL (live video) per camera @ 4CIF (maximum 480fps NTSC, 400fps PAL)
- Up to 8TB built-in video storage (VeDVR with storage above 4TB does not include a DVD burner)
- H.264 codec for outstanding compression, and high quality, smooth flowing video
- Embedded operating system for reliability – allows hard drives to be used for video recording only
- Continuous, event, video motion detection (VMD), pre-alarm, and scheduled recording
- Fully programmable & controllable via remote software



STANDARD FEATURES

- Adjustable resolution and frame rate per camera
- DVD±R/RW, DVD±R/RW DL, DVD-RAM drive for easy export of video (DVD drive not available on VeDVR with more than 4TB built-in video storage)
- USB port to allow downloading of video to USB memory stick
- Program via front panel, mouse or remote GUI
- Access & control multiple sites via single GUI
- Remote Service Environment (RSE) compatible
- Integration with Guardall Director and GSR platforms
- External drive capable
- Optional audio recording integration
- Auto-sensing NTSC/PAL video inputs
- Network interface
- 16 alarm inputs with programmable triggers
- 4 programmable alarm outputs



- Bandwidth limiter on network streaming of live video
- Image security
- Time/date stamp on all recordings
- ATM interface
- Password access
- Hide cameras from live viewing
- Multi-screen views on both local monitor & remote interface
- Easy time/date image searches
- Intelligent search functions
- PTZ control via front panel, external keyboard (optional), and remote GUI

SPECIFICATIONS

| | |
|---|---|
| Cameras (terminated inputs) | 4, 8, or 16 |
| Video Storage Archive | 160 GB, 250 GB, 500 GB, 750 GB, 1 TB, 1.5 TB, 2 TB, 3TB 4TB, 5TB, 6TB, 7TB, 8TB |
| Video Capture Rate | 120-480 fps NTSC (100-400 fps PAL) |
| Resolution | 4 CIF, 2 CIF, DCIF, CIF, QCIF |
| Spot Monitor Output | 1 |
| External Alarm... Inputs/Outputs | up to 16 / up to 4 |
| Power Supply | 120-240VAC, 50/60Hz |
| Power Consumption | ≤ 70W |
| Operating Temperature | 0°C to 45°C (32°F to 113°F) |
| Rack Mountable (Horizontal) | with brackets included |
| Mechanical Dimensions | 45 x 45 x 9.5 cm (17.72 x 17.72 x 3.74 in) |
| Weight (without HDD & DVD/RW) | approx. 8 kg (17.64 lb) |

SECURITY

- Password protected login and audit trail
- Definable operator authority levels
- Time and date embossing of video images

ADVANCED FEATURES

- Bandwidth management on network stream of live cameras
- Video processing speed distribution from idle to active cameras
- Software and hardware watchdogs ensure optimal uptime
- Video image watermarking

Frame Rates – per camera*

| | VeDVR2000 Series | | VeDVR1000 Series | |
|-------------|------------------|---------|------------------|---------|
| | Best | Typical | Best | Typical |
| CIF | 30 | 29-30 | 30 | 20-30 |
| 2CIF | 30 | 29-30 | 8 | 6-8 |
| DCIF | 30 | 29-30 | 6 | 4-6 |
| 4CIF | 30 | 27-30 | 4 | 2-4 |

* in NTSC

Video Storage Archive Duration – days*

| Archive Disk Size (GB) -> | 160 | 250 | 500 | 750 | 1000 | 1500 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 | |
|---------------------------|-------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| VeDVR1000 Series | 4 Cameras | 52.7 | 82.3 | 164.6 | 246.9 | 329.1 | 493.7 | 658.3 | | | | | | |
| | 8 Cameras | 26.3 | 41.1 | 82.3 | 123.4 | 164.6 | 246.9 | 329.1 | | | | | | |
| | 16 Cameras | 13.2 | 20.6 | 41.1 | 61.7 | 82.3 | 123.4 | 164.6 | | | | | | |
| VeDVR2000 Series | 4 Cameras | | 20.6 | 41.1 | 61.7 | 82.3 | 123.4 | 164.6 | 246.9 | 329.1 | 411.4 | 493.7 | 576.0 | 658.3 |
| | 8 Cameras | | 10.3 | 20.6 | 30.9 | 41.1 | 61.7 | 82.3 | 123.4 | 164.6 | 205.7 | 246.9 | 288.0 | 329.1 |
| | 16 Cameras | | 5.1 | 10.3 | 15.4 | 20.6 | 30.9 | 41.1 | 61.7 | 82.3 | 102.9 | 123.4 | 144.0 | 164.6 |

* Based on all cameras, continuous recording at 1 fps NTSC