



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, 50/60 Hz
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