



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



Integration Starts Here!

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

Guardall has offices in North America, United Kingdom, France and Italy.
 Please go to www.guardall.com for contact information.