

## Overview

Vilink's new DVR series of products provides a seamless digital recording, video multiplexing and motion detection in one easy to setup and use device. The DVR-1600 provides an easy way to record and monitor up to 16 pan/tilt/zoom cameras or standard CCTV cameras. With recording at 480 frames per second (fps), and resolutions of up to 640x480, and multiple video compression standards (wavelet, MJPEG, and MPEG4), the DVR-1600 is a full featured digital recording system that can be customized to a users requirements.

The DVR-1600 16 Channel Digital Video Recorder features a hardware watchdog and software scheduled reboot function recovers recording during a system failure. All DVR systems are thoroughly tested with software preinstalled and configured. All that is required are the cameras to be connected and the system is ready to go.

The DVR-1600 provides an easy way to search recorded video. The user can search by time, date, event and cameras and playback all 16 cameras simultaneously. Built-in software motion detection (or an optional hardware motion sensor) eliminates unnecessary recording time. The pre-alarm function records 10 seconds of video prior to motion detection. These functions eliminate the need for additional storage solutions.

Remote playback is included in the DVR-1600 allowing any user to connect to the DVR server and conduct searches and playback of video clips.

Vilink's DVR-1600 comes with the ability to record 30 fps per channel (480 fps) and displaying 30 fps per channel (480 fps) including 16 channels of audio. With the included 400GB hard drive and CDRW, archiving and the ability to store a large amount of video for playback is acheivable.

## Features

- 16 Camera Capacity, Color and B/W
- 480 Frames Per Second Display and Record
- High Quality Video
- Video Motion Detection with Pre/Post alarm function
- Pan / Tilt / Zoom Camera Control
- Encrypted & Watermarked Video
- Windows 2000 / XP Professional Operating System
- Alarm Log
- Programmable Recording Schedule for each camera
- Independent Hard Drive Operation
- Easy Playback Search
- Expandable Disk Space, over 30 days Recordings
- Floppy disk drive built-in
- Easy Video exporting to Floppy Disk, CD, ZIP Drive (optional)



## Specifications

Model	DVR-1600
Operating System	MS Windows XP
Video Format	NTSC/PAL
Compression	Wavelet, MJPEG, MPEG4 (user selectable)
Camera Input	16
Video Output	Composite Video x 1, S-video, VGA
Display Mode	Full Screen up to 16 Cameras at a time
Display Resolution	NTSC: 720 x 480 PAL: 720 x 576
Display Rate	NTSC: 30 fps PAL: 25 fps
Recording Resolution	NTSC: up to 640 x 480 PAL: up to 640 x 512
Recording Rate	480 frames per second overall @ 30 frames/sec per channel
Recording Modes	Continuous, manual, schedule, motion detection
Playback Search	Date/Time/Event/Camera
HDD	400 GB
Backup Method	CDRW or DVD-R (option)
Network Protocol	RJ-45 10/100 Base-T
Pre/Post Alarm	10 second pre-alarm recording
Watch-dog Function	Automaticall returns to the original operation when power recovery occurs
Operating Temp	5C ~ 50C
Power Supply	115 ~ 240 VAC
Power Consumption	60W

## Ordering Information

Model	Description
DVR-1600	16 Channel Video/Audio Real Time 480 fps Digital Video Recorder 400GB, Rackmount, CDRW
DVR-1600D	16 Channel Video/Audio Real Time 480 fps Digital Video Recorder 400GB, Rackmount, DVD-R