

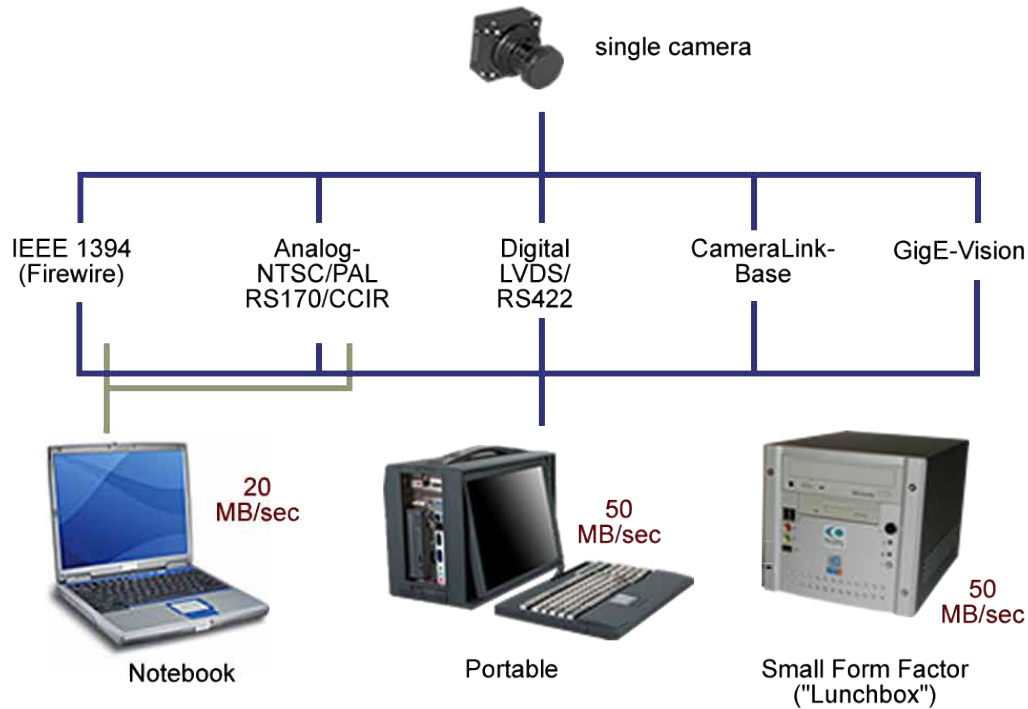
VisionRecorder™ Model #VR50**VisionRecorder™ Digital Video Recording System - Model #VR50****Features:**

- Image visualization, data analysis, and real-time processing
- Programmable camera synchronization rates
- Live display to the system monitor simultaneous with video capture
- Frames are stored in sequential order, with a time stamp included with each frame (IRIG and GPS options available)
- Extensive support for data analysis and playback
- Ability to replay video data in its original format and frame rate, or selectively play back video data at slower or accelerated rates
- Supports exporting data to TIFF, AVI, and RAW file formats
- Continuous real-time video capture with no data drops for up to 2.5 hours (or more)
- Full control of all camera features such as binning modes, frame rate, gain, offset, etc.
- Visible & Infrared cameras supported

System Specifications:

- 20 - 50 MB/sec data rate
- Built in ATA disk controller
- Laptop, Lunchbox or Portable
- Interface Options: Firewire, Analog NTSC/PAL, Analog RS170/CCIR, LVDS/RS422, CameraLink: Base, or GigE-Vision inputs
- Up to 2.5 hours and 1TB recording capacity
- Simultaneous playback of all inputs side-by-side via time-referenced time line
- Synchronized video recording for one source
- AGP, PCI, or PCI-X graphics card
- 1 removable data disks
- Intel Dual Core CPU's
- Manual, External Trigger, or Ethernet Control recording mode
- Windows XP operating system
- Cameras available separately upon request

Model VR50



MODEL	VR50	VR100	VR400	VR1000
Data Rate	20 - 50 MB/sec	up to 100 MB/sec	300 - 400 MB/sec	400 - 1000 MB/sec
Number of Cameras	1	1 - 2	1 - 8	1 - 24 (or more)
Input Interface Options	Firewire, Analog NTSC/PAL, Analog RS170/CCIR, LVDS/RS422, CameraLink Base, GigE-Vision	Analog NTSC/PAL, Analog RS170/CCIR, DVI, RGB (VGA), LVDS/RS422, HOTLink, HOTLink II, CameraLink: Base, SDI, GigE-Vision	ARINC 818, FC-AV, Analog NTSC/PAL, Analog RS170/CCIR, DVI, RGB(VGA), LVDS/RS422, HOTLink, HOTLink II, CameraLink: Base, Medium or Full, HD-SDI, GigE-Vision	ARINC 818, FC-AV, Analog NTSC/PAL, Analog RS170/CCIR, DVI, RGB(VGA), LVDS/RS422, HOTLink, HOTLink II, CameraLink: Base, Medium or Full, HD-SDI, GigE-Vision
Recording Capacity	up to 1TB	up to 4TB	up to 16TB	up to 40TB
Recording Duration	2.5 hours or more	4 hours or more	8 hours or more	22 hours or more
Number of Data Disks	1	2 - 4	4 - 16	8 - 40
Disk Controller	built-in ATA	high speed disk array	high speed disk array	real-time disk array
Processor Options	single CPU	single or dual CPU	dual CPU	dual to quad CPU