

**Unique Features of the
VisionRecorder™
Entry Level Digital
Video Recording System:**



- 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.

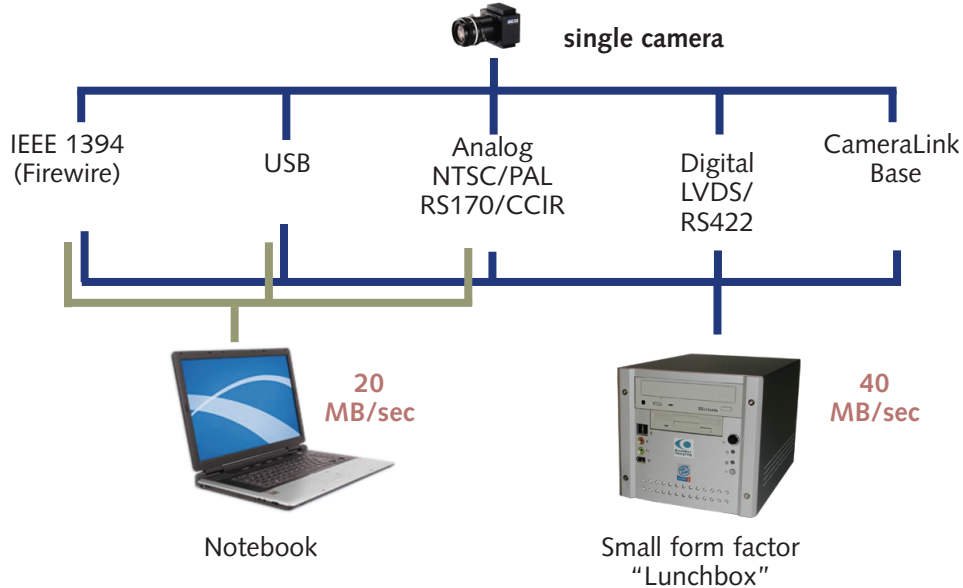
VisionRecorders™ for Every Digital Video Recording Need

- **Virtually any camera type in any combination**
 - Digital/Analog
 - High/Low Resolution
 - Color/B&W
 - High/Low Frame Rate
 - Visible/Infrared
- **Flexible recording of frame-synched data sources**
 - IRIG/GPS time
 - Telemetry
 - User-specific
 - Audio
 - TSPI
- **Simultaneous Playback of all inputs side-by-side via time-referenced time line**
- **Non-proprietary formats for all recorded data**
- **Image visualization, analysis, and real-time processing**
- **Dedicated team of industry experts behind every system**

Specifications for the VisionRecorder™ Entry Level System:

Data Rate		20-40 MB/sec
Cameras Supported		1
Input Interface Options		Firewire, USB, Analog, LVDS/RS422, or CameraLink Base
Recording Capacity		up to 400GB
Recording Duration		2.5 hours or more
# of Data Disks		1
Disk Controller		built-in ATA
Processor Options		single 2.0 - 3.8 GHz P4 CPU
Graphics Card		built in
Network		10/100 Mbit
Operating System		Windows XP or 2000
Recording Modes		Manual, external trigger
Packaging		laptop or "lunchbox"

ENTRY LEVEL SYSTEM



Boulder Imaging's VisionRecorder™ Digital Video Recorder Systems Overview:

	ENTRY LEVEL	MID LEVEL	HIGH LEVEL	ULTRA HIGH LEVEL
Data Rate	20 - 40 MB/sec	up to 100 MB/sec	up to 400 MB/sec	400 - 1000 MB/sec
Number of Cameras	1	1 - 2	1 - 8	1 - 24 (or more)
Input Interface Options	Firewire, USB, Analog NTSC/PAL, Analog RS170/CCIR, LVDS/RS422, or CameraLink Base	Firewire, USB, Analog NTSC/PAL, Analog RS170/CCIR, LVDS/RS422, HOTLink, HOTLink II, or CameraLink Base	Analog NTSC/PAL, Analog RS170/CCIR, DVI, LVDS/RS422, RGB (VGA), HOTLink, HOTLink II, or CameraLink: Base, Medium, or Full	Analog NTSC/PAL, Analog RS170/CCIR, DVI, LVDS/RS422, RGB (VGA), HOTLink, HOTLink II, or CameraLink: Base, Medium or Full
Recording Capacity	up to 400GB	up to 1.6TB	up to 6.4TB	up to 16TB
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