



## STLR

The STLR miniature design and simplicity of operation are the first noticeably unique features of this high speed digital camera. The ability to use the memory or the hard disk space of an attached computer for direct digital video storage reveals a sophistication underlying additional capabilities that are also unique to the camera. Alone the feature allows you to record up to 8 hours of high speed video direct to disk, without purchasing high speed camera memory.

Standard television resolution is 640 x 480 interlaced video. The STLR can record 200 digital images per second non-interlaced at this resolution directly to disk over a standard Ethernet cable. This capability provides over 6 times the record rate of standard video recorders. In application you may instantly replay the video at 1 to 30 images per second allowing you to pinpoint production line problems, analyze a golf swing or perform gait analysis research in a biomechanical laboratory.

Using an optional rechargeable battery and tethered to a battery powered notebook computer the field capability of this camera becomes clear. The STLR C-mount allows easy adaptation as microscope mountable tool. Trigger either from the included software or via TTL input and you are recording directly to the notebook via Ethernet cable. Live video from the camera or recorded video is viewed on your notebooks display.

### .Specifications

- 200 to 969 frames per second
- 640 x 480 7.4um pixel CMOS sensor Color or Monochrome
- Selectable electronic shutter 1/30 to 1/100,000
- C-mount (adjustable focal plane)
- TCP/IP Gigabit Ethernet communications.
- Windows based camera control and video processing software
- Dimensions and Weight: L x W x H 1.5" x 2.0" x 3.2" Weight: .6lb

Mode	Resolution (horiz x vert)	Frame Rate Max (fps)	Recording Time	
			1-GB RAM	2.4-TB Hard Disk
Streaming	640 x 64	969	12-secs	10-hours
	160 x 120	640	12-secs	10-hours
	320 x 240	370	12-secs	10-hours
	640 x 480	200	12-secs	10-hours

Contact: Digital West Imaging  
450 Mountain View Road  
San Diego, CA 92021

Sales@DigitalWestImaging.com  
Telephone: 619-593-1900  
FAX 619-593-1901