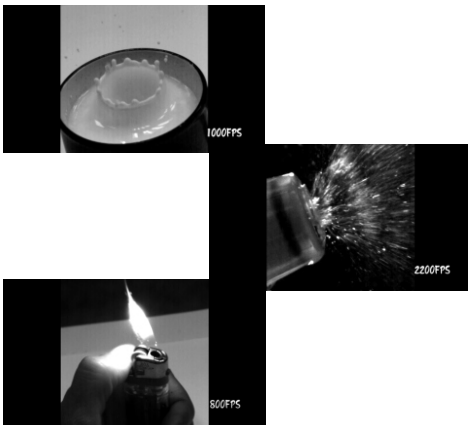




## Professional Slow Motion Camera 9501

- First inexpensive professional camera on market
- Compact size with rugged metal enclosure
- Compatible with any C-mount camera lens
- Dual color LED as status indicator
- Powered by USB 3.0 port. No battery or adaptor required
- Operating directly through PC software
- 1.3Mega pixel CMOS sensor with global shutter
- At least 210FPS at max. resolution (1280 x 1024)
- Maximum speed achieves 2420FPS
- Trigger button & Expansion I/O connector included
- USB 3.0 field upgradable
- Tripod mount hole on camera bottom side



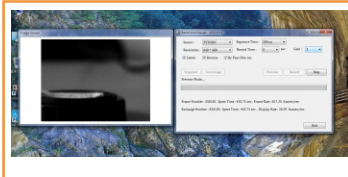
To characterize events which happen too fast for traditional film speeds, such as Life Science, Physical Science, Machine Vision, Sport, Ballistics, Industry, Automobile, Explosives, Fluid Dynamics, Material Science

### Two steps to take photos

STEP1: Connecting camera with computer



STEP2: Setup camera & fine tune through PC



### Ordering Code

VZ9501AZ, 9501 slow motion camera set

\*Available for EB project

Model	9501
CMOS	1.3Mega pixel, 1/2" optical format
Speed @Max Res.	210 FPS 1280 x 1024 @ 210 FPS 1024 x 1024 @ 260 FPS 1024 x 768 @ 346 FPS
Res vs FPS	640 x 480 @ 825 FPS 512 x 512 @ 950 FPS 256 x 256 @ 2420 FPS
Maximum Speed	2420 FPS
Pixel Bit Depth	10-bit CMOS
Maximum Shutter	1uS
Maximum Resolution	1280 x 1024
Light Sensitivity	Mono ISO 400-6400 (monochrome)
Pixel Size	4.8 um Sq.
Standard Memory	Host PC
Image Output	*.bmp/* .jpg/* .png/
Video Output	MPEG2(*.mpg) / H.264(*.mp4)
Power Input	USB 3.0
Camera Control	USB 3.0 super speed
External trigger	Trigger button & Expansion I/O connector
Display or LED	Dual color LED
Compatible Lens	C-mount
Software License	Not required
Housing	Aluminum
Size & Weight (g)	80x74x40 mm, 180g exclusive of lens
Operation condition	0° to 40°C/ 20 to 80%,no condensation ;
Storage condition	-20° to 60°C/20 to 95%,no condensation
Upgradable	USB 3.0 field upgradable
Country of Origin	Taiwan
Package	Cameras1, Lens x1, LED light set x 1, USB 3.0 Cable x1, remote trigger x1, carry case x1, CDx1, manual x1, tripod x 2

### Compatible PC

-Above i3 CPU,8GB RAM,  
USB3.0 port  
-Win7 & Win 8 & Win 10

### C-mount len Option

Standard: computer M7528-MP 2/3" 75mm F/2.8  
Optional: computer M3Z1228C-MP 2/3" 12-36mm F/2.8  
More C-mount lens available upon request

# HIGH SPEED CAMERA



## Camera

## Lens



Compact size 80mm dia.

Universal tripod hole

Standard C mount lens



Status LED indicator

External trigger port

USB3.0 super speed transmission/power supply



computer  
M7528-MP 2/3" 75mm F/2.8

## Remote Trigger

## USB3.0 cable+software





Adjustable power, maximum **33W**

## Dimmable LED Video Light

### **33W super bright LED**

Color temperature: 5600K

@0.5m is 35800lux

@1m is 9600 lux

@2m is 2500 lux

### **0~100% Dimmer feature**

### **Power adaptor with universal plugs**

-Input: AC 100-240V

-Output: DC 14V