

**High-quality, multifunction, energy saving
The Next Generation of Interactive Presentation ~**

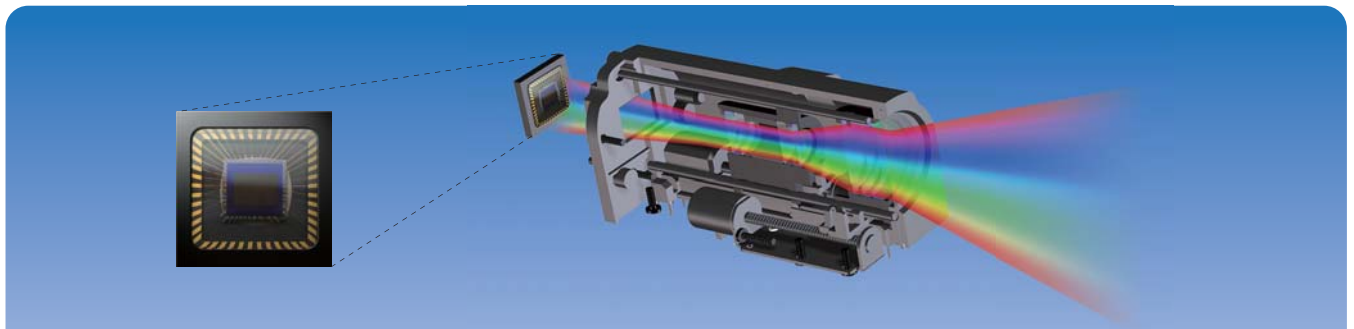
DC-1+ Visualizer



TekSpring

▲ The Perfect Image

High-quality 3x optical zoom, with a 5M HD sensor and advanced image rendering algorithms ensure that images render instantly with immaculate 3D quality.



Sensor Spec.	
Optical format	1/3.2 inch (4:3)
Active pixels	2,592H x 1,944V
Pixel size	1.75µm x 1.75µm
Pixel dynamic range	69 dB

3x Optical Zoom Spec.	
Zoom	3x
The shortest focus distance	5 cm
F/#	W=F/3.0 T=F/6.3
View Angle	70 Degree - 21.5 Degree

- In HD mode (1280x720)
(3x Optical Zoom) x (2x Smart Zoom) x (4x Digital Zoom) x (8x Mechanical Zoom) = 192x Zoom
- In VGA mode (640x 480)
(3x Optical Zoom) x (2x Smart Zoom) x (4x Digital Zoom) x (8x Mechanical Zoom) = 192x Zoom

▲ Powerful Image Processing Functions



- AE/AWB camcorder high-speed auto-balance



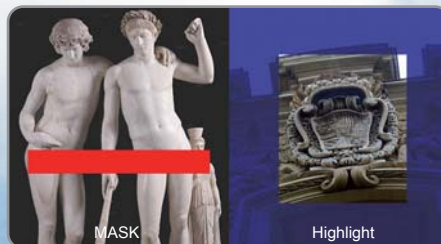
- Camcorder-quality auto-focus lens
- Fast still Image Auto Focus.



- Text/Graphic dual-mode image capture for perfect image quality of documents and graphics.



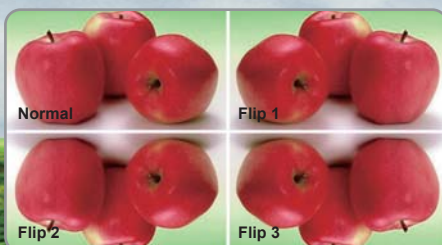
- 3-mode image capture (Positive/Monochrome/Negative) for complete flexibility



- Mask/Highlight focuses the viewer's attention



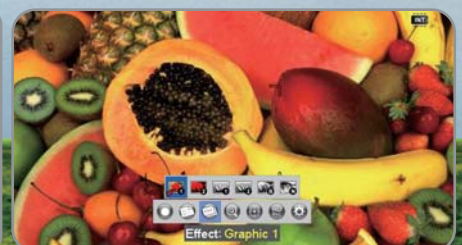
- In-Frame Comparison allows you to show live images side by side with stored images or media



- Flip lets you flip and rotate images for easy display of awkwardly positioned objects



- Slideshow of static images



- Intuitive graphic user interface

▲ Ultra-Portable and user-friendly

- Telescopic 3-jointed arm
- Super-slim profile and instant setup.
- Articulated arm offers 360-degree viewing with 6-axis positioning.



Easy-to-adjust positions



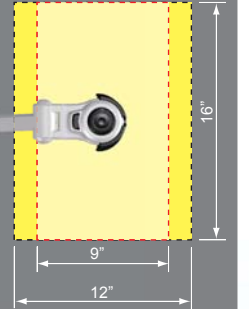
Broad work space from a tiny base

Secondary working space

16" x 12" (4:3)
16" x 9" (16:9)



Primary working space



- Two functioning work spaces



Close up 1.2 inch.



Easy-to-Carry and Easy-to-Setup.

▲ New low-energy consumption design

- Super low energy consumption:
5.5-7W is 30% less than other visualizers
- Painting-free and fire-proof plastic materials.
- Environment Friendly packing materials.
- Compatible to ROHS, FCC and CE certificates.



3D image capture position



▲ High-definition video and audio recording

- View video input live on the 3" LCD screen in HD resolution (1280x720p @30f.p.s. true high definition video)

Memory Card Capacity	Video Resolution	
	HD(1280X720)	VGA(640X480)
2G SD Card	35.55 min.	1 hr 45 min.
4G SD Card	1 hr 12 min.	3 hr 29 min.
8G SD Card	2 hr 23 min.	6 hr 58 min.

Above testing values are with +/- 30% tolerance.



Video recording position

▲ SD Card storage and playback

- Record still images and video direct to SD Card, or display images or video direct from SD without a PC.



Support cutting-edge SDHC technology compatible to SDHC SD card up to 32GB



▲ Instant image capture with specialized 5M HD sensor

- 5MP high-resolution image quality. Images can be printed to 8.6"x6.4" photo resolution.
- Digital enhancement offers resolutions up to 12MP.

Image storage capacity(JPG)	Photo Resolution		
	2 Mega Pixels	5 Mega Pixels	12 Mega Pixels
Memory Card Capacity			
2G SD Card	4500 pcs.	1812 pcs.	812 pcs.
4G SD Card	9000 pcs.	3624 pcs.	1625 pcs.

Above testing values are with +/- 30% tolerance.



- Connected to a microscope through the adapter

▲ Double-function 3" monitor

- Monitor live true HD video recording (1280x720p @ 30fps)
- Lightbox for projecting photographic slides



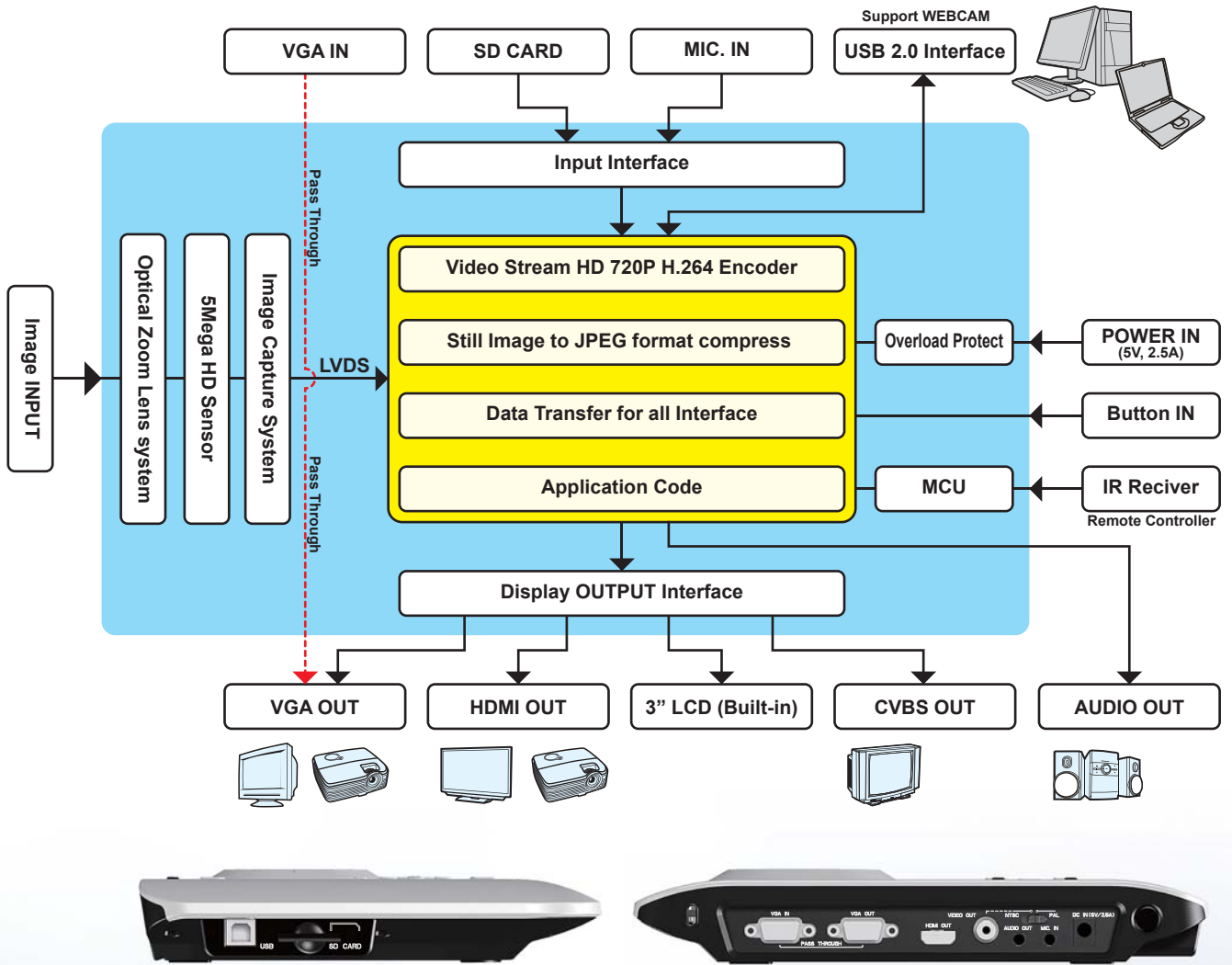
- Lightbox mode lets you project slides



3" video display



▲ INPUT / OUTPUT



▲ Specifications

Model Name	DC-500	
Optical System	Lens	4.2~15mm ,W=F/3.0 T=F/6.3 ; 3X optical zoom
	Working Surface	A3 (4:3 = 16"x12" ; 16:9 = 16" x 9")
	Zoom	3X optical zoom ; 2X smart zoom ; 4X digital zoom ; 8X mechanical zoom
	Focus	Auto / Manual / Microscope
Illumination System	Upper	LED Illumination System
	Lower	3" LCD light box
Image / Video	Image Sensor	1/3.2" CMOS Sensor
	Number of Effective Pixels	5 Mega Pixels
	Still Image Resolution	12MP / 5MP / 2MP
	HDMI Output	HD: (1280X720) : 30fps / XGA:(1024X768) : 30fps
	VGA Output	HD: (1280X720) : 30fps / XGA:(1024X768) : 30fps
	Capture Type	Singal
	White Balance	Auto
	Brightness	±7 compensation
Presentation Tools	Image Control	Freeze / Highlight / Mask / Flip / PIP / Slideshow
	Image Mode	Text / Graphics
	Image Effect	Positive / Monochrome / Negative
	Monitor Assistant	Yes (3" LCD Display)
	Remote Control	Yes(IR Remote Control)
	Mechanical Arm	Camera head: 180° / Arms: 180°
	PC Camera	1280x960@14fps / 1280x720@15fps / 1024x768@25fps / 1024x576@30fps / 960x720@30fps / 640x480@30fps / 320x240@30fps
Input / Output	RGB bypass	Yes
	RGB iInput	Yes(15-pin D-sub x1)
	RGB Output	Yes(15-pin D-sub x1)
	HDMI Output	Yes(19-pin HDMI 1.3 x1)
	Composite Output	Yes (RCA Jack x1)
	Audio Output	Yes (Ø3.5 Audio Jack x1)
	Microphone Input	Yes (Ø3.5 Audio Jack x1)
External Storage	SDHC Card Slot	Yes(support up to 32GB SDHC cards)
	Power Source	DC 5V, 100-240V, 50-60Hz
Power	Power Consumption	5.5W(Lamp off) / 7W(Lamp on)

Package Content
<ul style="list-style-type: none"> ● AC/DC Adapter x1 ● 15-pin D-sub Cable x1 ● USB Cable x1 ● RCA Cable x1 (Video) ● Phone Jack to RCA Cable x1 (Audio) ● HDMI Cable x1 ● Remote Control x1 ● Microscope Adapter x1 ● Battery X 2 ● Anti-glare Sheet x1 ● Manual x1 ● CD x1

