DOCUMENT CAMERAS
ELPDC21/13/07

EPSON
EXCEED YOUR VISION

YOUR PARTNER IN ENRICHING THE CLASSROOM EXPERIENCE.

Cut through the hassle, and get straight to your presentation. Epson's series of document cameras not only captures details with Full HD resolution, its versatile connectivity also gives you great functionality. Furthermore, its compatibility with Epson's interactive projectors allows you to easily manipulate your images without moving away from the screen. For smoother and hassle-free presentations – Epson is the answer.

ELPDC21   ELPDC13   ELPDC07

Full HD Resolution   HDMI*   Spilt Screen*   Compatible with Microscope   Built-in Microphone

*Available for ELPDC21 and ELPDC13 only.

ENGINEERED FOR BUSINESS

Epson's series of Full HD document cameras is engineered to bring your presentations alive. Enjoy seamless integration with Epson's interactive projectors, versatile connectivity and the best in digital imaging, all packed into a sleek and compact design, for impressive presentations.

	ELPDC21	ELPDC13	ELPDC07
Key Benefit	Desktop document camera with **optical** zoom	Desktop document camera with **digital** zoom	Ultra-portable **USB powered** document camera
Effective Pixels	2MP (1920 x 1080 pixels)	2MP (1920 x 1080 pixels)	2MP (1920 x 1080 pixels)
Camera Sensor	1/2.7 inch CMOS Sensor	1/2.7 inch CMOS Sensor	1/2.7 inch CMOS Sensor
Frame-Per-Second (FPS)	30	30	30
Output Resolution	Up to Full HD (1080p)	Up to Full HD (1080p)	Up to Full HD (1080p)
Zoom	10x Digital 12x Optical	16x Digital	8x Digital
Built-in Microphone	Yes	Yes	Yes
AV Recording	Yes	Yes	No
Weight	Approx 2.6kg	Approx 2.5kg	Approx 1.0kg

PARTNERS IN PERFECTION

Epson Ultra Short-throw Interactive Projectors

Compatibility with Epson's ultra short-throw interactive projectors allows you to easily interact with your images, literally at your fingertips with finger-touch and pen interactivity.
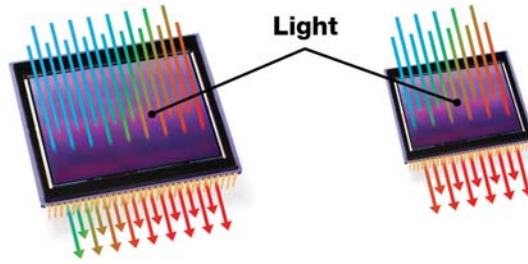
Pair your Epson's document camera with an interactive projector for impressive presentations today.

Realistic and Larger Images

Larger Imaging Sensor

Achieve sharp, clear images with amazing quality and detail in any light with the large imaging sensor, which captures more light per pixel. The ELPDC21 automatically detects the native aspect ratio of projectors and selects the correct output resolution to match.

12x Optical and 10x Digital Zoom

Zoom in on every intricate detail and let students get up close and personal with the subject at hand. The ELPDC21 delivers a unique perspective on any subject with up to 12x optical zoom and 10x digital zoom. Bring lessons alive, right before their eyes, without having to pass around a microscope or photograph.
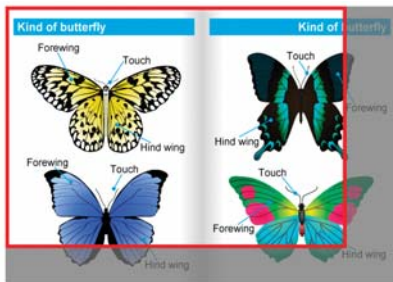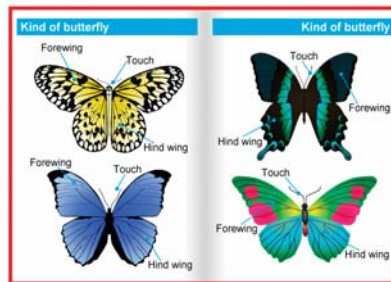
Large Capture Area

Open students' eyes to a whole new world of possibilities. With a large capture area, the ELPDC21 lets you display virtually any object - from a two-page spread in a textbook to 3D objects or content from your smart devices.

B4

A3

Microscope Support

You can even share organisms under a microscopic via the included microscope adapter. Just fit the adapter to any standard microscope eyepiece and bring the smallest particles to the big screen for all to see.
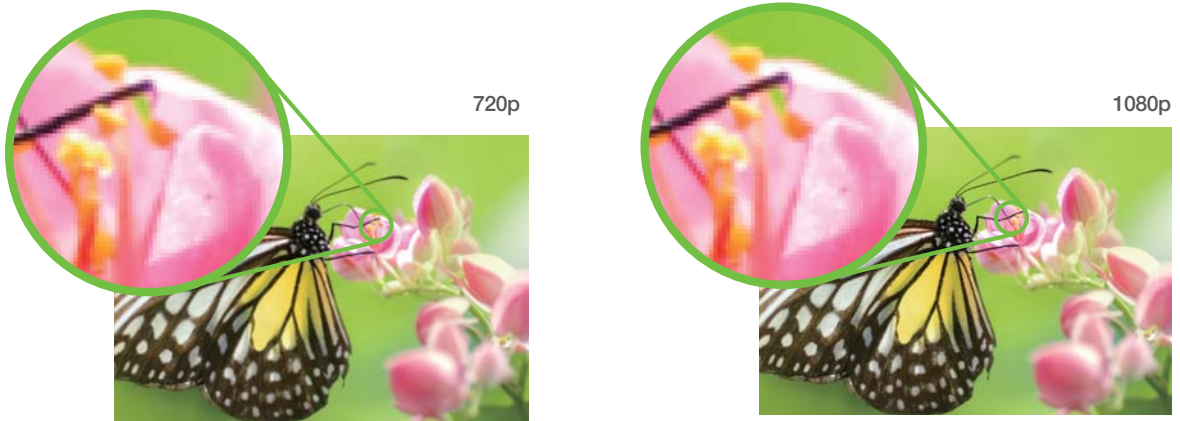
ELPDC21

Frame Rate

Watch your presentation come alive with the 30 frames-per-second (fps) video that provides ultra-smooth video performance and minimal delays.
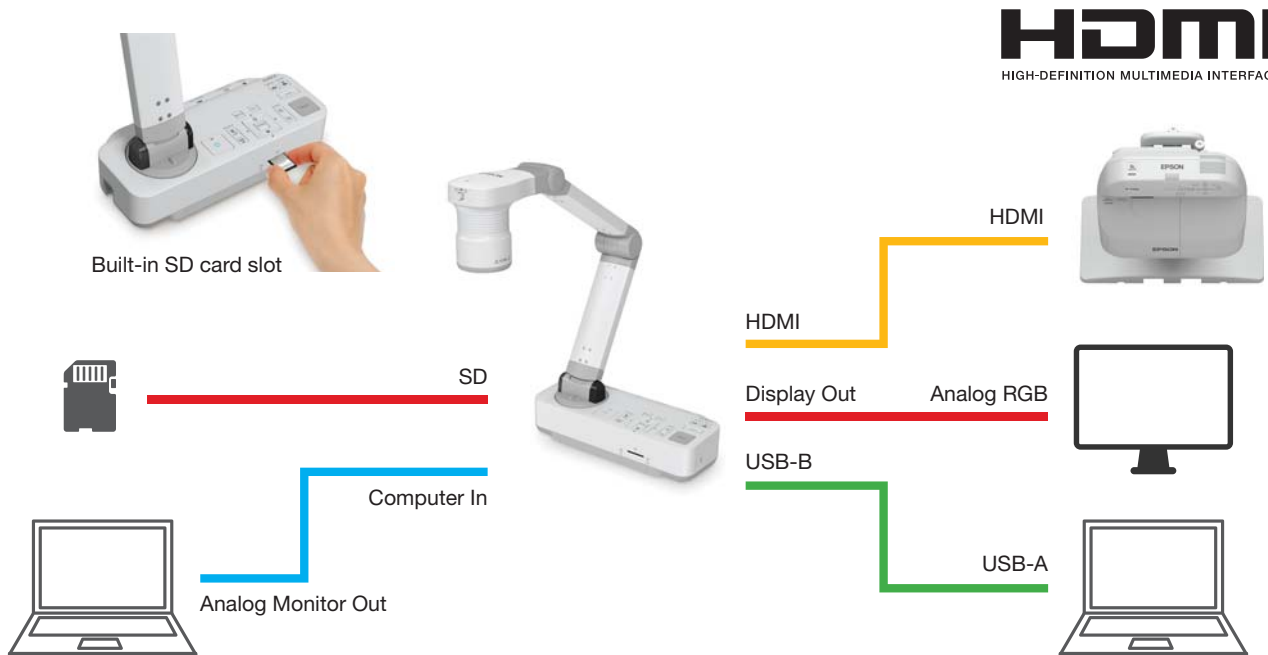
Full HD Image Output

Capture every detail and impress your audiences with brilliant Full HD 1080p resolution.

720p

1080p
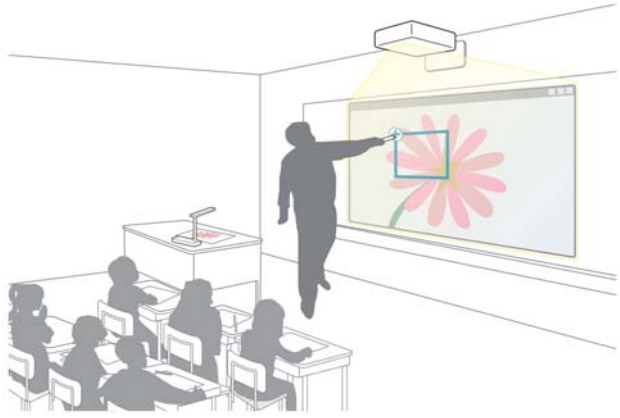
Versatile Connectivity

Take learning to the next level with engaging multimedia presentations. Output the captured images to any HDMI or VGA display device, as well as to a PC via the USB connections. Enhance any learning experience with attention-grabbing content. You can even capture images and save them to the SD card or connected PC.
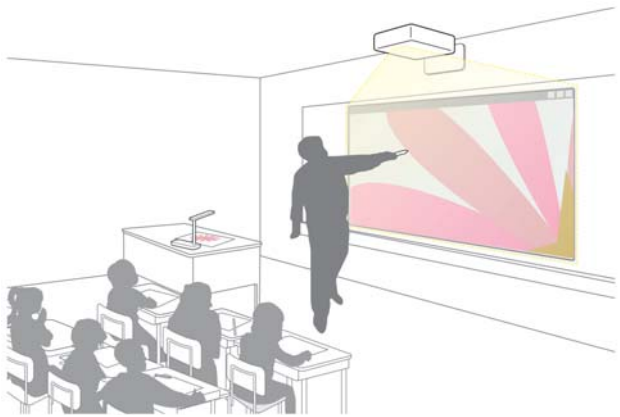
HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Built-in SD card slot

HDMI

HDMI

SD

Display Out   Analog RGB

Computer In

USB-B

USB-A

Analog Monitor Out

Hassle-free Compatibility

Interactive Projector Integration

Enjoy instant interactivity with easy-to-use interactive tools.
With PC-less annotation, add notes and diagrams to live images
with Epson's interactive projectors. Its compatibility with Epson's
interactive projectors gives you ease-of-control to your presentations.

Example 2: Zoom in/out on the big screen

Example 1: Start/stop recording on the big screen

Epson Easy Interactive Tools (EIT) Software

With PC connectivity, users can use the Epson's Interactive Tool (EIT) to annotate on the live image. It is even easier with the Epson interactive projector, which allows users to annotate using the interactive feature.

Portable and Compact

Save on space with the sleek and compact design that conveniently folds into a ready-to-carry unit.

ELPDC21

Convenient Features

Split Screen

Split screen capability enables projection of a live video and still image from a SD card. The versatile remote controller works for both document camera and projector.

Using the split screen, viewers can enjoy both still and moving images.

Camera   Picture in SD Card

Record and Share Lessons

Now, it's easier than ever to capture creative lessons and share them later with other students. Use the document camera and built-in microphone to record classroom demonstrations and projects. Then, play them back for students who missed the class.
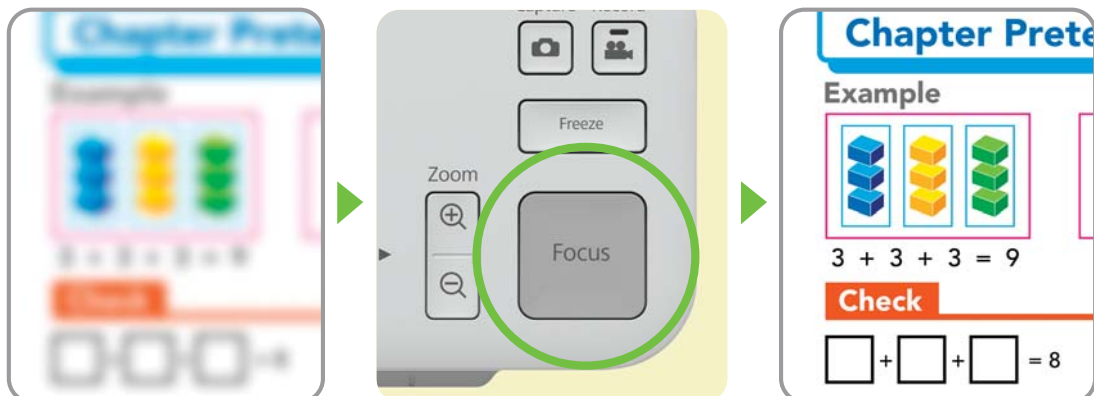
Built-in LED Light

The built-in LED light illuminates objects so that you can project objects clearly even if the surrounding area is dimly lit.

Convenient One-touch Control

Enjoy convenient one-touch button to freeze, focus, capture and video record the images.

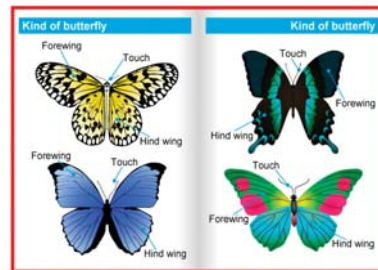## Realistic and Larger Images
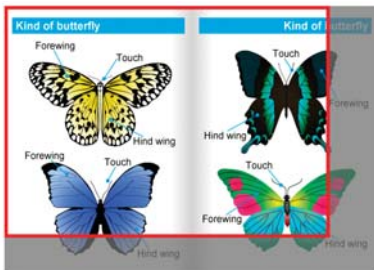
Large Capture Area

Open students' eyes to a whole new world of possibilities. With a large capture area, the ELPDC13 lets you display virtually any object - from a two-page spread in a textbook to 3D objects or content from your smart devices.

B4

A3

Microscope Support

You can even share organisms under a microscopic via the included microscope adapter. Just fit the adapter to any standard microscope eyepiece and bring the smallest particles to the big screen for all to see.
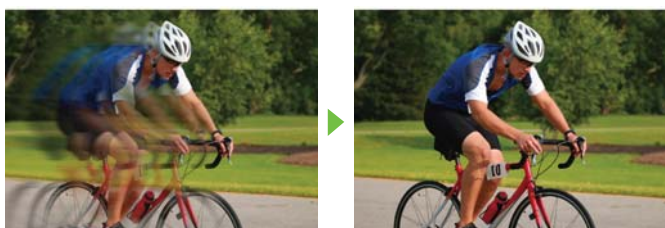

16x Digital Zoom

Versatile rotating camera head with intuitive 16x digital zoom and a microscope adapter to provide sharp detail and clear magnification, making it the perfect tool for a dynamic presentation.
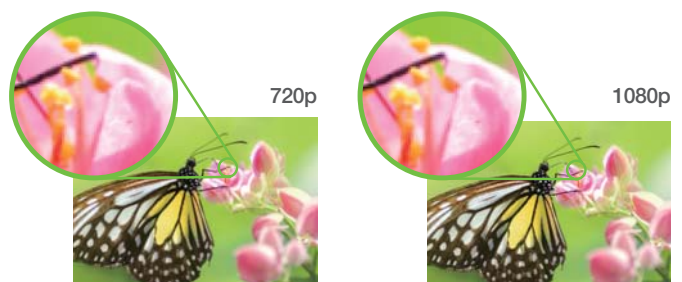

Frame Rate

Watch your presentation come alive with the 30 frames-per-second (fps) video that provides ultra-smooth video performance and minimal delays.

Full HD Image Output

Capture every detail and impress your audiences with brilliant Full HD 1080p resolution.
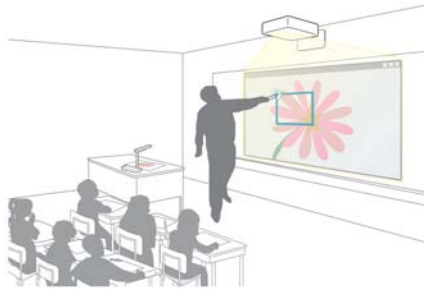

720p
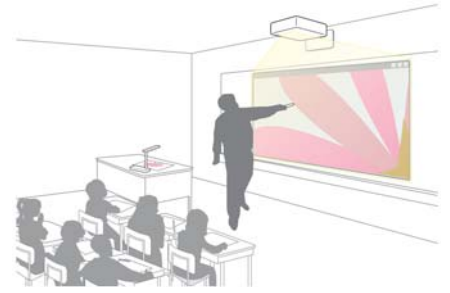
1080p

Hassle-free Compatibility

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Example 1: Start/stop recording on the big screen

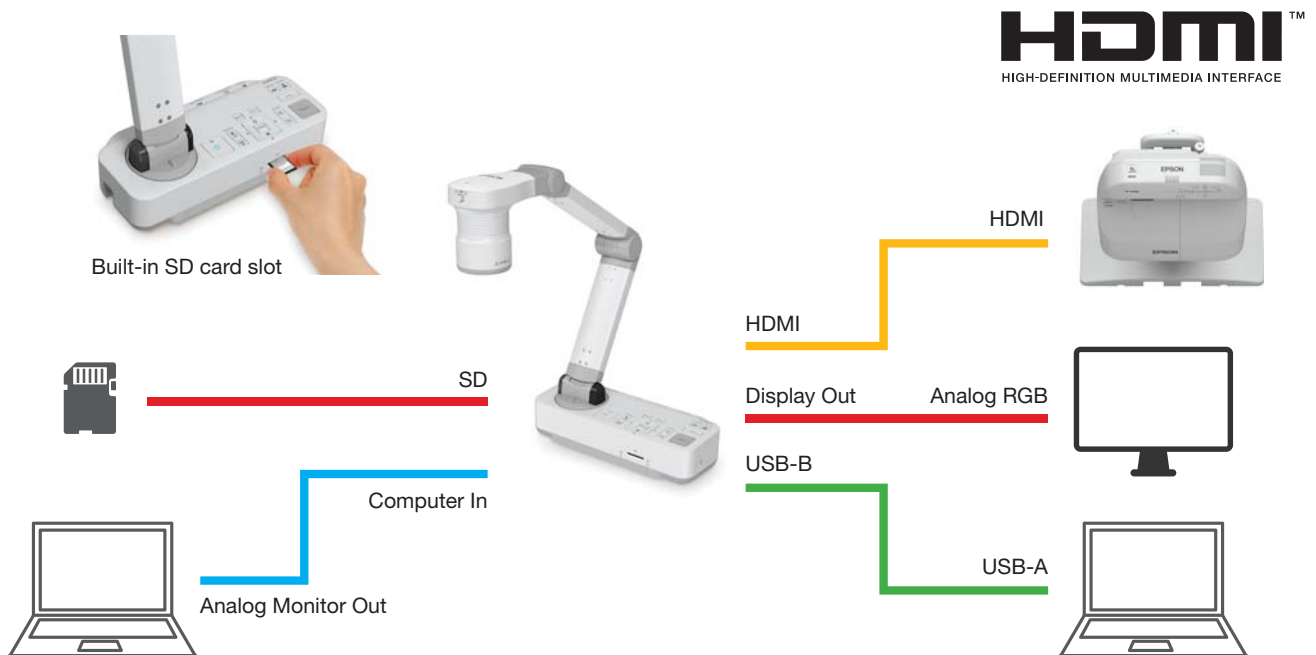Example 2: Zoom in/out on the big screen

Compact and Flexible

Captured images can be easily displayed by adjusting the arm position and camera head of the ELPDC13. This document camera is also space-saving with its sleek and compact design that conveniently folds into a ready-to-carry unit.

ELPDC13

Versatile Connectivity

Take learning to the next level with engaging multimedia presentations. Output the captured images to any HDMI or VGA display device, as well as to a PC via the USB connections. Enhance any learning experience with attention-grabbing content. You can even capture images and save them to the SD card or connected PC.

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Built-in SD card slot

SD

Computer In

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Camera   Picture in SD Card

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Built-in LED Light

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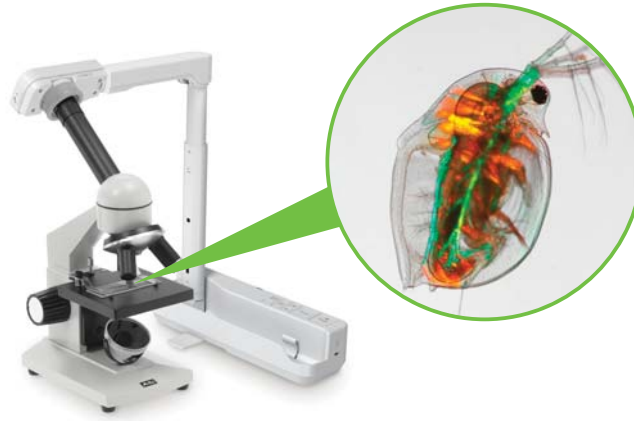

Convenient One-touch Control

Enjoy convenient one-touch button to freeze, focus, capture and video record the images.

ELPDC07

Realistic and Larger Images

The ELPDC07 features an 8x digital zoom and a microscope adapter to provide sharp detail and clear magnification, making it the perfect tool for a dynamic presentation.

Open students' eyes to a whole new world of possibilities. With a large capture area, the ELPDC07 lets you display virtually any object - from a one-page spread in a textbook to 3D objects or content from your smart devices. You can even share organisms under a microscopic via the included microscope adapter. Just fit the adapter to any standard microscope eyepiece and bring the smallest particles to the big screen for all to see.

Frame Rate

Watch your presentation come alive with the 30 frames-per-second (fps) video that provides ultra-smooth video performance and minimal delays.
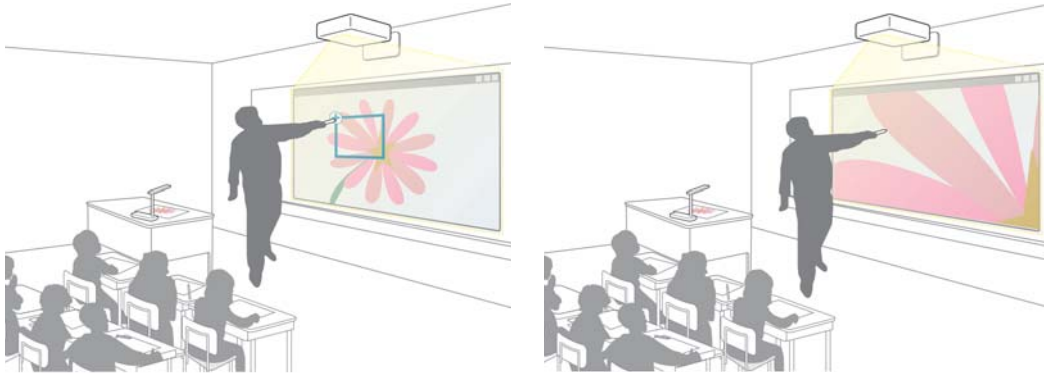
Full HD Image Output

Capture every detail and impress your audiences with brilliant Full HD 1080p resolution.

720p

1080p

Hassle-free Compatibility

Enjoy instant interactivity with easy-to-use interactive tools. With PC-less annotation, add notes and diagrams to live images with Epson's interactive projectors. Its compatibility with Epson's interactive projectors gives you ease-of-control to your presentations.

Zoom in/out on the big screen

Portable and Compact

Made easy for users to bring along to presentations, this document camera packs conveniently with any main unit without the need of an extra storage bag or compartment.

The ELPDC07 does not require any power adapter and can be easily powered by USB port. Measuring only 60mm when folded, the document camera is portable, compact and easily carried anywhere and anytime.
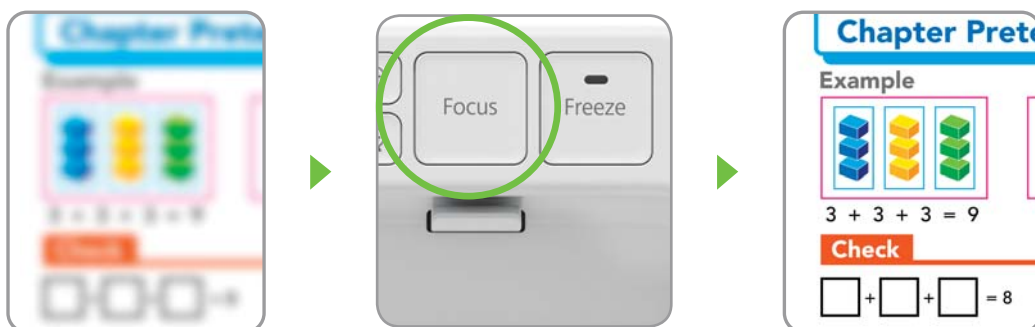
Convenient Built-in Features

Now, it's easier than ever to capture creative lessons and share them later with other students. Use the document camera and built-in microphone to record classroom demonstrations and projects. Then, play them back for students who missed the class.

The built-in LED light illuminates objects so that you can project objects clearly even if the surrounding area is dimly lit.

Convenient One-touch Control

Enjoy convenient one-touch button to freeze, focus, capture and video record the images.

SPECIFICATIONS
ELPDC21/13/07

EPSON
EXCEED YOUR VISION

MODEL NAME		ELPDC21	ELPDC13	ELPDC07
Main Parts Specification				
Sensor	Pick-Up Device	CMOS		
	Size	1 / 2.7"		
	Effective Pixels	2M Pixels (1920 x 1080)		
	Native Resolution	1080p (16:9 Aspect Ratio)		
	Frame Rate	Up to 30fps		
Video Output	Display Out	SXGA (1280 x 1024) / XGA (1024 x 768) / WXGA (1280 x 800) / HD (1360 x 768) / 1080p (1920 x 1080)		N/A
	HDMI	480p / 720p / 1080p		N/A
	USB-B	VGA / SVGA / XGA / SXGA / WXGA / 720p / 1080p		VGA / SVGA / XGA / SXGA / 720p / WXGA / 1080P
Optical Systems				
Lens	Type	Optical Zoom / Focus	No Optical Zoom / Focus	
	F-Number	F = 3.4 - 5	F = 2.0	
Shooting Area		Max 297 x 526 mm at 1080p output resolution		Max 273 x 364mm at XGA output resolution
Zoom		Up to 10x Digital / Up to 12x Optical	Up to 16x Digital	Up to 8x Digital
Focus		Automatic (need to press "Focus" button), Focus adjust time: less than 2 sec		Automatic (need to press "Focus" button), Focus adjust time: less than 3 sec
Illumination				
Upper		White LED x 2 (variable LED light)		
Interface Port				
Input	D-Sub 15Pin (VGA)	1 (Black)		N/A
Output	D-Sub 15Pin (VGA)	1 (Blue)		N/A
	HDMI	1 (in common with CEC control)		N/A
USB I/O		Type B x 1		
Internal Microphone		Yes (Monoral)		
Memory I/O	SD Card	1 (SD / SDHC, No SDXC support)		N/A
Basic Function				
Freeze		Yes		
Output Source Select		Yes		N/A
Image Brightness Adjustment		Yes		Yes (using PC App)
Light Brightness Control		Yes		
Auto Detect Aspect Ratio		Yes		
Extended Function				
Still Image Capture		Yes (need external SD card)		N/A
Video Capture		Yes (w/Audio) (need external SD card)		N/A
Digital Scroll / Pan / Tilt		Yes (available for over 2x digital zoom) (without Zoom window)		Yes (with Epson projector or PC application)
Image File Play / Slideshow		Yes (need external SD card)		N/A
Split Screen		Yes		N/A
Adjustment Function				
Image	White Balance	Yes (Auto, Cloudy, Daylight, Fluorescent, Incandescent)		Yes
	Focus	Yes (Manual adjustment)		Yes
	Focus Lock	Yes	N/A	
	Image Mode	Yes (Normal, Text, Display)		N/A
	Colour / B&W / Negative	Yes (Colour, Black & White, Negative)		N/A
	Image Rotation	Yes (0, 180 degrees)		N/A
	Microscope	Yes		
	Noise Reduction	Yes		N/A
Function	HDMI Output	Yes [Auto, SDTV (480p), HDTV (720p), HDTV (1080p)]		N/A
	Output Resolution	Yes [Auto, XGA (1024 x 768), WXGA (1280 x 800), WXGA (1360 x 768), SXGA (1280 x 1024), Full HD (1920 x 1080)]		N/A
	Flicker Reduction	Yes (50Hz, 60Hz)		
	Language	Yes		N/A
	Sleep Mode	Yes		N/A
	Sleep Mode Timer	Yes		N/A
	HDMI Link	Yes (On / Off)		N/A
Power				
Power Supply Voltage		100 - 240V AC (50/60 Hz)		USB Bus Powered 5V
Output Voltage Of AC Power Adapter		12V		N/A
Power Consumption		13W		Less than 2.5W
Power Consumption (Standby)		Less than 0.5W		N/A
Operating Temperature		5 - 35 °C <41 - 95 °F> (0m / 0ft - 2,286m / 7,500ft) (20% - 80% humidity, No condensation)		
Dimensions				
Open (D x W x H)		502 x 270 x 328 mm	447 x 270 x 317 mm	76 x 260 x 388 mm
Folded (D x W x H)		120 x 375 x 122 mm	120 x 367 x 122 mm	76 x 260 x 60 mm
Weight		Approx. 2.6kg	Approx. 2.5kg	Approx. 1.0kg
Theft Proof				
Kensington Lock		Yes		
Security Bar		Yes		N/A
Security Lock Hole		Yes		N/A

ELPDC21 / ELPDC13

Supplied Accessories
USB Cable
Computer Cable (VGA Cable)
External AC Power Adapter
Remote Control: Yes (with 2 AA Batteries)
Microscope Adapter
Software CD-ROM
User Manual CD-ROM

ELPDC07

Supplied Accessories
USB Cable
Microscope Adapter
Soft Carrying Case
Software CD-ROM
User Manual CD-ROM

ELPDC21/ ELPDC13