

# ELPDC20

DATASHEET / BROCHURE



## HD resolution visualiser with close-up projection and advanced functions for an enhanced user experience.

The desktop ELPDC20 is the ideal classroom visualiser for teachers looking to enrich lessons with high-quality images. The large 1/2.7 inch CMOS sensor and HDMI interface enable close-ups of images or 3D objects in full HD 1080-pixel high-definition resolution. Images can be displayed up to a 120x maximum zoom, and live feeds are shown with minimum time delay, due to a rapid frame rate of 30fps.

The visualiser is packed full of features to enhance classroom teaching. A3-size materials, such as maps and large diagrams, can be easily projected, and the LED light helps illuminate difficult-to-see objects. A split-screen display allows two different sources to be connected at the same time, and real-time microscopic worlds can be observed using the microscope attachment.

A sturdy viewing arm ensures the visualiser stays in a fixed position during presentations. It can be rotated in three different directions for greater flexibility of use, then easily folded away for storage. Added security bar/locks provide schools with peace of mind when the visualiser is not in use.

With PC-free functions, such as real-time annotation, a USB mouse can be connected directly to the visualiser for drawing on live images and illustrating teaching points. The PC-free record-and-replay feature means video footage can be filmed and stored straight onto the 1GB internal memory, then played back in future lessons.

Teachers can liven-up classes with the advanced software included. Time-lapse video, for example, can be used to record video footage for up to 72 hours, allowing gradual events, such as plant growth, to be filmed for use in science lessons. With the built-in microphone, teachers can also add audio commentary to video files, and tag and upload videos to video-sharing websites.

## KEY FEATURES

- **Full HD resolution**  
1920x1080p resolution output
- **Sharp details**  
12x optical and 10x digital zoom
- **Close-up images**  
Microscope attachment included
- **Advanced software**  
72-hour time-lapse video
- **PC-free features**  
Real-time annotation

## PRODUCT SPECIFICATIONS

### TECHNOLOGY

|                      |                                 |
|----------------------|---------------------------------|
| Image pick-up device | 1/ 2,7 " CMOS sensor            |
| Effective Pixels     | 1920 Horizontal x 1080 Vertical |
| Frame Rate           | max. 30 fps                     |

### OPTICAL

|               |                        |
|---------------|------------------------|
| Zoom          | Optical 12, Digital 10 |
| Focus         | Auto                   |
| Shooting Area | A3 sized: 297 x 420 mm |

### IMAGE

|                   |   |
|-------------------|---|
| Resolution Output | SXGA(1280*1024)/XGA(1024*768)/WXGA 16:10 (1280*800)/WXGA 16:9 (1360*768)/1080p (1920*1080), 480p/ 720p/ 1080p, QVGA/VGA/SVGA/XGA/SXGA |
| Image Adjustments | Auto Exposure, Black and White, Brightness Adjustment, Colour, Contrast Adjustment, Image Rotation, Microscope mode                   |

### CONNECTIVITY

|            |   |
|------------|---|
| Interfaces | USB 2.0 Type A, USB 2.0 Type B, VGA in, VGA out, HDMI out, built-in microphone, Microphone input, SD memory card, blank |
|------------|---|

### ADVANCED FEATURES

|                              |   |
|------------------------------|---|
| PC-Free Recording & Playback | Video recording with sound (AVI @ 720p), Image capture (JPEG @ 1920x1080)   |
| PC-Free ImageViewer          | View images from internal or supported external memory  |
| Image Storage                | 1GB internal memory, SD/SDHC compatibility (128MB-32GB), USB memory device compatibility (128MB-64GB)   |
| Application Software         | Still or live annotation with sound, edit, file management, preview, still image capture(JPEG/BMP), tag function, time lapse function up to 72 hours, video capture (WMV/MPG/AVI/MOV), web upload |
| Features                     | Auto detect aspect ratio, Auto focus, Auto output resolution, Freeze, Slideshow, Split screen, Video capture and replay, Zoom   |
| Security                     | Kensington lock, Security bar   |

### GENERAL

|                              |  |
|------------------------------|--|
| Power consumption            | 17 Watt, 0,48 Watt (standby)   |
| Product dimensions           | Operating: 270 x 312 x 477 mm (Width x Depth x Height)   |
| Product weight               | 3 kg   |
| Illumination                 | LED lights   |
| Included Software            | ArcSoft Application Software for Epson Document Camera, Button manager for Epson Document Camera, TWAIN driver for Epson Document Camera (for Windows) |
| Compatible Operating Systems | Mac OS 10.4+, Mac OS 10.5+, Mac OS 10.6+, Windows 7, Windows 8, Windows Vista, Windows XP  |

### OTHER

|          |                    |
|----------|--------------------|
| Warranty | 36 months Carry in |
|----------|--------------------|

## LOGISTICS INFORMATION

|                   |               |
|-------------------|---------------|
| SKU               | V12H500040    |
| EAN code          | 8715946514666 |
| Country of Origin | China         |
| Layer             | 6 Units       |

## ELPDC20

### WHAT'S IN THE BOX

- AC adapter
- Computer cable
- Main unit
- Microscope Adapter
- Power cable
- Remote control incl. batteries
- Software (CD)
- USB cable
- User's Manual Set

