

**Camera 250**

LED Lights in Head and Neck



Folds Down Flat



LED Lighting



Rotating Head for Angle Viewing



Base with large controls

The **Camera 250** from Dukane is a full function document camera that provides a direct connection to your projector or display. This digital articulating arm camera uses auto focusing to image documents and 3D objects in amazing clarity. This camera has HDMI, VGA, and USB outputs, plus a SD Card slot. It provides the capability for image annotation and storage without a computer. The camera has an 8 Megapixel CMOS sensor chip assuring high-resolution imaging (3264 x 2448 max.). In addition, there is a 100X digital zoom. Operation is by using a simple menu at the bottom of the image. This menu provides for image control or recording, plus the annotation when a USB mouse is attached. Closeup imaging goes down to less than 3 inches. With the articulating arm it is possible to bring the camera head to the desired position and the built-in LEDs have 3 levels for the optimum illumination. The included software permits many other functions if the USB output is employed. Still image or video image capture is possible with the SD Card. The camera head also contains a mic for the audio track. Simple fold down construction makes the camera very portable, and easy to store.

**Features**

- High 8 Megapixel resolution
- Built in LED illumination
- HDMI or VGA output direct to a display
- Built in microphone
- 100x digital zoom
- Closeup 3 inch imaging
- Autofocusing
- Articulating arm .
- Internal image capture with video & audio recording
- Annotation direct with camera
- SD Card slot
- USB out for computer attachment
- Compact fold down for storage

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# Camera 250

## Full Featured Camera

### PC Less Annotation

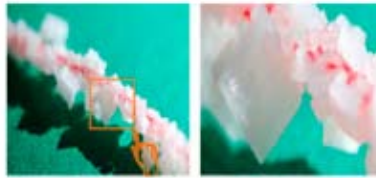
Add written text and drawing to the live image, and save both annotation and image data together.

### 100x Digital Zoom

100x Digital Zoom allows you to capture clear and loss-less magnified image.

### Lighted Image Area

LED Lights in head and arm provide 3 levels of illumination



### Very easy to use

Large control buttons on the base and hand held remote included.

With a USB wireless mouse the user can control the camera plus annotate and capture the images from anywhere in the room.

### Split Screen function

Allows the live image of an object being captured to be displayed alongside an image stored on the external memory.

### Video Recording

Save the video or image to SD Card and then play it.



| Camera                              |                                                                   |
|-------------------------------------|-------------------------------------------------------------------|
| Optical head                        | 1/4" CMOS Si chip                                                 |
| Resolution                          | 8 megapixels                                                      |
| Outputs HDMI                        | 480p / 720p / 1080p                                               |
| VGA                                 | SXGA 1280x1024, WXGA 1280x800, HD 1360x 768, 1080p 1280x720       |
| USB                                 | QVGA, VGA, SVGA, XGA, SXGA                                        |
| Video frame rate                    | 30fps max<br>15 fps for 1920x1080                                 |
| Zoom capacity                       | 5 x digital                                                       |
| Minimum camera distance             | 2.5 "                                                             |
| Operation                           | Autofocus, auto exposure, auto white balance, AF Button           |
| Capture area                        | 16" x 11.8"                                                       |
| Lighting                            |                                                                   |
| LEDs on the arm                     | 1 on head and 10 on arm                                           |
| Controls, light                     | Button on base for 3 levels and off                               |
| Input/Output                        |                                                                   |
| Ports                               | HDMI<br>VGA, OUT                                                  |
|                                     | VGA, IN, for Switching<br>USB 2.0 high speed, DC power            |
| SD Card slot                        |                                                                   |
| Audio                               | Built in mic                                                      |
| Image                               |                                                                   |
| Control                             | Base controls and on screen menu                                  |
| Rotation                            | 90, 180, 270                                                      |
| Brightness                          | Range or auto                                                     |
| Contrast                            | Range or auto                                                     |
| White level                         | Range or auto                                                     |
| Saturation                          | Range                                                             |
| Settings                            | Black/white/color                                                 |
| Picture in picture                  | Yes                                                               |
| Multiple images                     | Split screen                                                      |
| Comparison                          | Up to 8 images                                                    |
| Video                               | Capture modes                                                     |
| Annotation                          |                                                                   |
| PC free annotation with a USB Mouse | On Screen Menu with colors , shapes, lines, text, font size, etc. |
| Operations                          | Capture still and video images, immediate playback                |
| Software for a computer             | Annotation and image capture                                      |

| Operating system                                                                       |                                                        |
|----------------------------------------------------------------------------------------|--------------------------------------------------------|
| For software w camera                                                                  | Windows XP, Vista, 7/8/10                              |
| Chromebook, Chrome OS                                                                  | Works with Chromebook Apps                             |
| Memory in camera (optional)                                                            | SD Card SDHC, 32G max, JPEG image and AVI video format |
| USB Interface                                                                          | USB 2.0 HS                                             |
| TWAIN driver for Windows OS only                                                       |                                                        |
| Power                                                                                  |                                                        |
| Adapter for power line                                                                 | 12V DC output                                          |
| Control                                                                                | Buttons on the base                                    |
| Power level                                                                            | 12 Watt                                                |
| Standby mode                                                                           | >0.5 W                                                 |
| Physical                                                                               |                                                        |
| Arm articulation                                                                       | 5 rotation joints                                      |
| Operating size                                                                         | 7.2" x 20" x 4.3"                                      |
| Folded size                                                                            | 4.3" x 12.2" x 3.4"                                    |
| Shipping carton                                                                        | 4.5" x 10.3" x 14.7"                                   |
| Weight                                                                                 | 2.2 lb.                                                |
| Ship weight                                                                            | 4.5 lb.                                                |
| Operating Temp.                                                                        | -10 to 50C                                             |
| Other Items                                                                            |                                                        |
| Standards                                                                              | FCC, CE, UL                                            |
| UPC                                                                                    | 605194007134                                           |
| Model number                                                                           | 250                                                    |
| Warranty                                                                               | 1 Year standard                                        |
| Accessories included                                                                   | With Camera                                            |
| USB cable, CD, HDMI cable, VGA cable, adapter, power cable, User Guide, remote control |                                                        |



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