



# QuickShot QS-120

## Technical Specifications

### Camera / Image

- **PC interface:** USB 2.0
- **Dynamic range:** 8 bit
- **Video format:** 3872\*\* x 2764\*\*
- **Max Resolution:** Width: 3872 Pixels\*\* Height: 2764 Pixels \*\*
- **Sensor type:** 1/2.3" Monochrome CMOS – 10.7 MP
- **Pixel size:** H:1.67 uM V:1.67uM
- **Lens / Optics:** 5.4mm 10MP, 1/2.3" format, F#2.5, hFoV 60°, MOD 0.2m, -2% distortion
- **LP/mm captured:** 17 LP/mm
- **DPI captured:** 785
- **USB power consumption:** 250 mA @ 4.5 VDC
- **Power source:** Computer USB

\*\* Represents the full camera resolution before the image is cropped. All final images are cropped and as a result will vary in total resolution (total height and width) based on the final crop size. Resolution is the size of the images height/width and does not reflect the image quality or detail captured. DPI and LP/mm are measurements of image detail the represent image quality captured that is available for magnification, viewing on screen, and for printing.

### LED Light Panel

- **Imaging area size:** W: 3.5" x L: 5"
- **Color Temperature:** 8k-12k
- **Wave length:** 455-467.5
- **Power consumption:** 300 mA @ 5 VDC
- **Power source:** Computer USB

### Cabinet

- **Material:** Powder coated EG steel construction
- **Dimensions:** W: 6-1/4" x D: 5-1/4" x H: 8"
- **Weight:** 4.2 lbs

### Software Computer Requirements

- **Windows versions:** Windows 7 thru 10 is supported (**Mac/ IOS not supported**)
- **Processor:** Intel Core 2 Duo equivalent or higher (For best performance, Intel i3 or higher)
- **RAM:** Minimum 2 GB - 4 GB or higher recommended
- **Software installation storage requirements:** 512 MB Minimum Free storage

### Image File Sizes

	<b>JPEG</b>	<b>PNG</b>	<b>TIFF</b>
Single Intra-oral Size 0	200K – 400K	700K – 1 MB	700K – 1 MB
Single Intra-oral Size 2	300K – 600K	1 MB – 2 MB	1 MB – 2 MB
Bite-wing mount (4 size 2)	1 MB – 1.5 MB	4 MB – 5 MB	4 MB – 5 MB

File sizes are estimates and will vary based on the size of the final cropped image as well as the image itself. File size does not necessarily reflect the quality of the image.