

USB Color Digital Microscope Camera Systems

Microscope cameras produce high-definition live images and video for documentation of clinical, life sciences, and material science applications

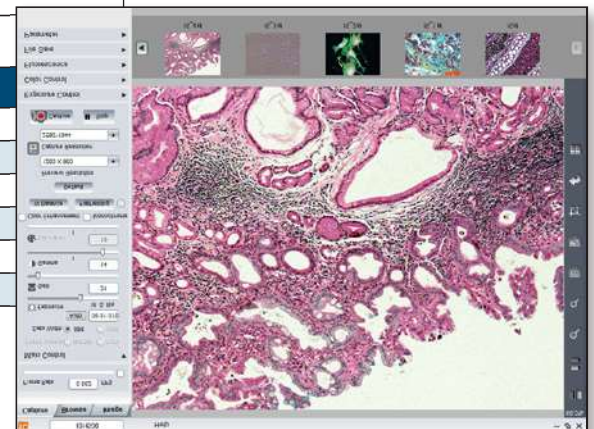
- Cameras feature still and video capture modes, automatic / manual exposure control, manual gamma control, and automatic / manual white balance control
- No separate power cable is required; video, power, and full camera control are all enabled through a single USB cable
- The imaging software allows the user to control all of the advanced settings and has a simple but powerful graphic interface
- Software requires: Windows 7 or later, Intel Core 2 Duo or later, 2 GB of RAM, 2GB hard disk free space, and USB 2.0 / 3.0 port

SPECIFICATIONS	3 MEGAPIXELS	5 MEGAPIXELS	10 MEGAPIXELS
Image Sensor	1/2" CMOS	1/2.5" CMOS	1/2.3" CMOS
Pixel Size	3.2µm x 3.2µm	2.2µm x 2.2µm	1.67µm x 1.67µm
Active Pixels	2048 x 1536	2592 x 1944	3856 x 2764
Frame Rate	2048 1536: 12 fps	2592 x 1944: 5 fps	3856 x 2764: 3 fps
	1024 x 768: 25 fps	1280 x 960: 21 fps	1832 x 1370: 8 fps
	640 x 480: 40 fps	1024 x 768: 25 fps	1280 x 1024: 25 fps
	-----	640 x 480: 38 fps	916 x 680: 28 fps
Sensitivity	1.0 V/Lux-S (550 nm)	0.53 V/Lux-S (550 nm)	0.44 V/Lux-S (550 nm)
Digital Output	24-Bit		
S/N Ratio	> 43 dB	> 40.5 dB	> 40.5 dB
Dynamic Range	54 dB	60 dB	6.5 dB
Capture Mode	Still and Video Color		
Scanning Method	Progressive		
Exposure	Automatic / Manual		
White Balance	Automatic / Manual		
Gamma	Manual		
Interface	USB 2.0 / 3.0		
Specialized Mode	Fluorescence		
Lens Mount	C / CS Mount		
Adapter Lens	0.50X	0.45X	0.45X
Adapters (included)	23 mm, 30 mm, 30.5 mm	23 mm, 30 mm, 30.5 mm	23 mm, 30 mm, 30.5 mm
Twain Compatible	Yes		
Capture Software Suite	Tcapture		
Power	USB 2.0 / 3.0 Bus		
Dimensions (L x W x H)	2.8 x 3.3 x 1.8 in / 70 x 85 x 45 mm		
Weight	0.2 kg		
Supplied With	Adapters and USB cable		



1400 CDPC-10

CAT. NO.	CAMERA TYPE	FOR MICROSCOPE MODELS
1400-CDPC-3	USB Digital Camera, 3 Megapixels	1220CM, 1300-Series, 1400-Series
1400-CDPC-5	USB Digital Camera, 5 Megapixels	1220CM, 1300-Series, 1400-Series
1400-CDPC-10	USB Digital Camera, 10 Megapixels	1220CM, 1300-Series, 1400-Series
M1397-K005-1	USB Digital Camera, 3 Megapixels	1353SL
M1397-K007-1	USB Digital Camera, 5 Megapixels	1353SL
M1397-K009-1	USB Digital Camera, 10 Megapixels	1353SL



Tcapture: Camera Software Screen