

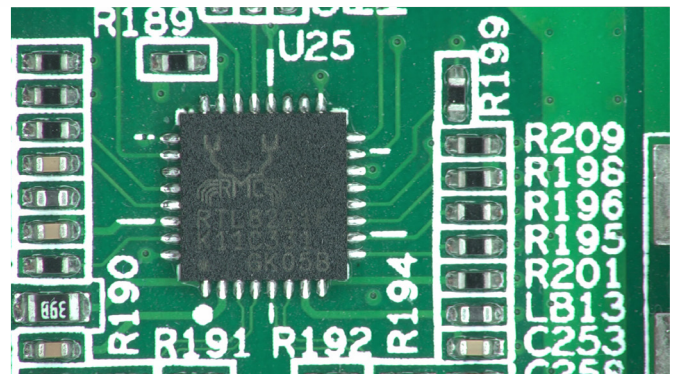
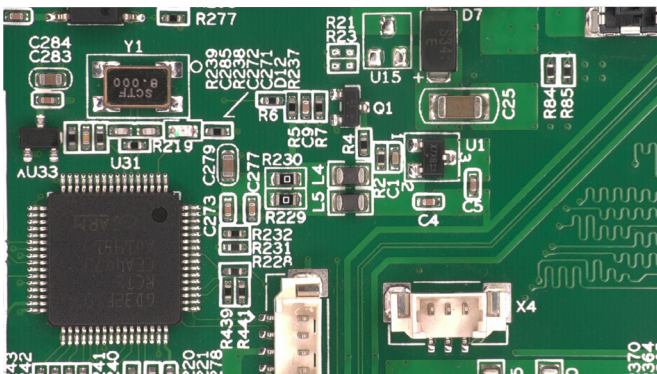


DPX IM200-4K

4K ZOOM MICROSCOPE

Preliminary

- ▶ On screen measurement
- ▶ 20X Optical ZOOM
- ▶ Stand-alone
- ▶ Autofocus
- ▶ User friendly



DPX IM200-4K

Experience quality control and inspection in 4K image quality with fast live image speed. The perfect solution for those who are looking for improving and speeding their inspection process. Working with a digital microscope improves ergonomics, and results in less operator fatigue and stress. With the DPX IM200-4K users can enjoy fast, comfortable, and user-friendly on-screen operation – improving sample evaluation, measurement, facilitating effective collaborations, and documentation in high resolution. For more advanced applications the user has the option to connect the system to a PC via USB 3.0 or ethernet and use DeltaPix InSight in order to make further analysis or to add additional features.

Features

Motorized zoom

The DPX IM200 features a motorized zoom of the highest mechanical and optical quality allowing the user to see large overview image of the sample and zoom in to inspect the details.

4K resolution

4K resolution and fast frame rate allow the operator to see every detail in the sample and capture super high detailed imaging for documentation and more.



On-screen measurements.

The DPX IM200-4K offers extensive measuring tools directly on the screen without the need for a PC.

Autofocus

The DPX IM200-4K features autofocus allowing the operator to work faster and more efficiently the system is as the system is automatically providing precise focus.



Typical applications: ✓ Documentation and publishing ✓ Material science ✓ Quality control ✓ Bright Field ✓ Histology ✓ Digital Classroom ✓ PCB Inspection ✓ Micro repair

Options



4-Zone Ring Light



Manual XY stage



Dome LED light



Articulated Arm Stand



Spot Light



Back light



Ring light 8-Zone

DPX IM200

Features

		DPX IM200	DPX IM200-4K
Camera features	Sensor	Sony 1/2.8"color CMOS	Sony 1/2.8"color CMOS
	Resolution	1920 X 1080	3840×2160
	Pixel size	2.9µm x 2.9µm	1.45µm×1.45µm
	Shutter	Rolling	Rolling
	Scanning method	Progressive scanning	Progressive scanning
	Frame rate	60FPS	30fps
	Gain	Automatic / Manual	
	Exposure time	0.06ms-918ms	0.04ms-1000ms
	White balance	Automatic/Manual/Area	
	Image storage	JPEG	JPEG/tiff
	Video format	1920 x 1080 ASF 30FPS	3840x2160 MP4 30 FPS
Advanced features	Motorized zoom	Yes	
	Auto focus	Yes	
	Manual focus	Yes	
	Build-in measurement software	Yes	
Microscope	Optical zoom ratio	20X	
	Working distance	195mm	
	Field of view	229mm-11.46mm	
	Magnification	1.22x-24.4x(11"screen), 3.1X-62x(28" screen)	
	Illumination	Build-in Ring light	
Interface	HDMI 1.4		
	USB Mouse		
	USB 2.0		
	-	Ethernet	
Storage			
Environment	Operating temperature	-10C - 50C	
	Storage temperature	-20C -60C	
	Operating humidity	10% - 80% RH	
	Storage humidity	10% - 60% RH	
Others	Dimension (WxDxH)	80mm X 80mm X 119mm	
	Shipping Weight	0.75kg	