



4K INTEGRATED MICROSCOPE

JBM-PL4



- ◆ HDMI HD output interface;
- ◆ One-click freeze/unfreeze function/on-screen comparison;
- ◆ Remote control focusing without shaking;
- ◆ Electronic zoom function;
- ◆ Supports manual/automatic exposure, and adjustment of exposure compensation value;
- ◆ Supports manual/automatic white balance, with adjustable red, green, and blue settings;
- ◆ Supports U-disk storage, with a maximum capacity of 64GB;
- ◆ Supports remote control operation, ensuring clearer images without shaking during photography;
- ◆ Supports 8 menu languages (default is English);
- ◆ Integrated design, featuring a built-in camera, light source, and microscope lens
- ◆ Supports saving shutdown settings parameters;



4K Resolution



HDMI Output



Remote Control



Freeze Function



Electronic Zoom



U-disk Storage



Built-in Camera



Built-in Light

Specification



JBM-PL4-M10

JBM-PL4-M7

Model	JBM-PL4-M10	JBM-PL4-M7
sensor	1/2.8"	1/3"
Pixel size	1.45μm*1.45μm	2.7μm*2.7μm
Monitor	10.1-inch high-definition screen	7-inch general clear screen
HDMI output	3840*2160 30fps 1920*1080 60fps	none
USB output	3840*2160/2560*1440 1920*1080/1280*720 640*480/424*240 320*240 (MJPG)	1920*1080/1280*720 640*480/424*240 320*240 (MJPG)
Packing size	315*145*275mm	315*145*275mm
Weight (gross weight)	2.05 KG	1.75KG

Magnification & Field of View.

10.1-inch Monitor

Working Distance (mm)	Optical FOV (mm)	Monitor Magnification	Digital FOV (mm)	Digital Magnification
100	20.6 × 12.0	10.4×	4.0 × 2.5	53.7×
150	33.0 × 19.0	6.5×	6.5 × 4.0	33×
200	46.0 × 26.0	4.6×	8.6 × 5.0	25×
250	56.5 × 32.6	3.8×	11.1 × 6.5	19.3×
300	68.0 × 40.0	3.1×	13.5 × 7.6	16×

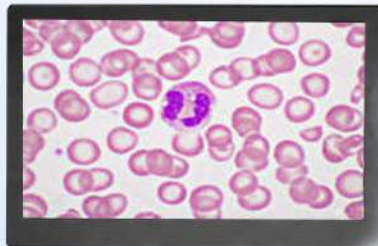
21.5-inch Monitor

Working Distance (mm)	Optical FOV (mm)	Monitor Magnification	Digital FOV (mm)	Digital Magnification
100	22.0 × 12.3	21.8×	4.5 × 2.5	106.6×
150	35.0 × 19.7	13.7×	7.0 × 4.0	68.5×
200	49.0 × 27.5	9.8×	9.6 × 5.4	50×
250	62.0 × 34.8	7.7×	12.0 × 6.7	40×
300	76.5 × 43.0	6.3×	15.0 × 8.5	32×

27-inch Monitor

Working Distance (mm)	Optical FOV (mm)	Monitor Magnification	Digital FOV (mm)	Digital Magnification
100	22.0 × 12.3	27.2×	4.5 × 2.5	133.3×
150	35.0 × 19.7	17.1×	7.0 × 4.0	85.7×
200	49.0 × 27.5	12.2×	9.6 × 5.4	62.5×
250	62.0 × 34.8	9.6×	12.0 × 6.7	50×
300	76.5 × 43.0	7.8×	15.0 × 8.5	40×

Products informations





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