



PH50-PB9 Main technical parameters

Optical magnification: 40X-1600X

Viewing head: Compensation Trinocular head, 30° inclined, 360° rotatable, interpupillary distance 48-75mm

Eyepiece: Wide-field WF10X/18mm, WF16X/15mm

Objective : 195N Achromatic objective 4X, 10X, 40X (spring), 100X (spring, oil)

Nosepiece: Four holes revolving nosepiece , steel ball positioning

Stage: Double-layer mechanical stage

Size 115×125 mm, moving range 76×52mm

Focusing mechanism: Coaxial coarse and fine adjustment, coarse adjustment 20mm, fine adjustment 0.002mm

Condenser: Abbe condenser, N.A.=1.25, iris diaphragm, handwheel lift up and down

Light source: LED 3W, brightness adjustable

Power source: external switching power supply, AC100-240V

Others: 1X C-mount adapter

9inch 2MP LCD Characteristics:

1. Using Sony sensor, image color reproduction is close to the original color;
2. Support TF card camera video;
3. Supports manual automatic adjustment of image brightness, white balance, exposure and other parameters;
4. Support image digital zoom, zoom out adjustment;
5. 9 inch LCD screen maximum resolution 1024*600;
6. Mouse control for easy use;
7. Simultaneous HD output with on-screen display and USB2.0 PC;
8. LCD screen size: 148.25mm*224.60mm*11.2mm;

Technical Parameters:

1. Sensor: 1/3 inch
2. Pixel: 30fps@1920*1080
3. Pixel size: 2.75*2.75μm
4. Signal to noise ratio: 65DB
5. Features: LCD display and USB2.0 synchronous output, provide picture time saving, support 16 sets of crosshairs.

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