



## CxL Binocular Microscope Digital with 3.0MP Camera



### Features:

**CxL Advantages:** LP series Semi-Plan optics provide crisp images at all magnifications thanks to high-efficiency coatings and the highest quality of glass in the world. With the Halogen (2,000 hrs bulb life) illumination system. Designed with the user in mind, the CxL offers a Captive Rotation feature that enables users to easily and safely rotate the viewing head, making the system ideal for multi-user environments and easy storage.

## Specifications:

**Optical system:** Antifungal Finite optical system

**Stand:** Single mold sturdy stand with anti-rust materials. Extended base with hand rests for enhanced stability and comfort.

**Viewing Bodies:** Rotating binocular tube, 45° inclined, 360° rotatable when locked-in, Interpupillary distance 54-74mm with fixed 3.1 mega pixel camera module iVu 3100.

**Eyepieces:** Wide Field focusable paired eyepiece WF 10x/18mm, with foldable eyeguard, lockable, antifungal coating

**Nosepiece:** Quadruple nosepiece (Ball bearing type) with rubber grip

**Objectives:** LP series DIN Semi-Plan Achromatic objectives, antifungal, 4x/NA 0.10/WD 8.83mm, 10x/NA 0.25/WD 0.66mm, 40x (spring)/NA 0.65/WD 0.49mm, 100x (spring loaded, oil)/NA 1.25/WD 0.14mm

**Mechanical Stage:** Rectangular stage plate size 135 x 124mm, X/Y travel range 76 x 50mm. Low drive movement controls.

**Condenser:** Sub-stage Abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with snap in blue filter. Rack and pinion movements on metal guides.

**Focusing:** Feather touch tension adjustment free co-axial coarse and fine focusing for ultra smooth movement. Fine focus graduation 0.3mm per rotation

**Illumination:** Halogen 6V-20W illumination with variable illumination control. Up to 2,000 hours of Halogen bulb life.

**Electrical:** Universal input 100V-240V AC, 50/60 Hz

### Camera Specifications:

**Sensor:** ½" 3.0 Megapixel Color CMOS

**Active area:** 4.52mm x 3.40mm