



Specifications

- Viewing head: Seidentopf trinocular viewing head inclined at 30°, interpupillary 48-75mm, 360° rotation
- C mount: 0.5x C mount for digital camera
- Digital tablet: 10.1" LCD Attachment with integrated display camera, with IMX307, 1/2.8" sensor, 2x2um, 5m Mega pixel, CMOS chip, with USB2.0, HDMI, SD Card Slot, Wifi
Image: support 5MP image, Video: 2048*1536@15FPS, built-in with S-EYE image software
Exposure: Automatic and manual, with target brightness settings available; Exposure time 0-999MS
White Balance: Auto and Manual and ROI Mode
Parameter settings Contrast, saturation, brightness, sharpness, noise reduction, etc.
- Eyepiece: A pair of Wide-angle eyepieces WF10x/18mm with fungicidal coating
- Nosepiece: Reversed quadruple revolving nosepiece
- Objectives: All with anti-fungus treatment.
Achromatic objective 4x/0.10
Achromatic objective 10x/0.25
Achromatic objective 40x/0.65, spring
Achromatic objective 100x/1.25, spring, oil
- Stage: Double layer mechanical stage, with size: 130x140mm, moving range: 75x50mm, Vernier scale on the two axes,
- Focusing: accuracy: 0.1mm, with 3D movement on XYZ, Integrated design, coaxial focus system with upper limited and tension adjustment, coarse range: 25mm; fine precision: 0.002mm; provided with an adjustable tightness device to prevent slipping and a mechanical upper limit device
- Condenser: Abbe condenser N.A. 1.25 with iris diaphragm and filter holder
- Illumination: 3W High brightness energy-saving LED illumination for long life, brightness adjustable
- Power: Multi-plug 100-240V, 50/60Hz
- Others: Dust cover, spare fuse, blue, green & yellow filters, immersion oil

Optional Accessories

Cat. Number	Descriptions
BM3101001	Monocular head
BM3101002	Binocular head
BM3101003	Trinocular head
BM3101004	WF10x/20mm eyepiece
BM3101005	WF10x/20mm eyepiece, with micrometer
BM3101006	WF10x/20mm eyepiece, with pointer
BM3101007	WF16x/11mm eyepiece
BM3101008	WF20x/10mm eyepiece
BM3101009	Quadruple nosepiece
BM3101010	Quintuple nosepiece
BM3101011	Achromatic objective 4x/0.10
BM3101012	Achromatic objective 10x/0.25
BM3101013	Achromatic objective 20x/0.40
BM3101014	Achromatic objective 40x/0.65, spring loaded
BM3101015	Achromatic objective 60x/0.85, spring loaded
BM3101016	Achromatic objective 100x/1.25, spring loaded, oil
BM3101017	Semi-plan achromatic objective 4x/0.10
BM3101018	Semi-plan achromatic objective 10x/0.25
BM3101019	Semi-plan achromatic objective 20x/0.40
BM3101020	Semi-plan achromatic objective 40x/0.65, spring loaded
BM3101021	Semi-plan achromatic objective 60x/0.85, spring loaded
BM3101022	Semi-plan achromatic objective 100x/1.25, spring loaded, oil
BM3101023	Plan achromatic objective 4x/0.10
BM3101024	Plan achromatic objective 10x/0.25
BM3101025	Plan achromatic objective 20x/0.40
BM3101026	Plan achromatic objective 40x/0.65, spring loaded

Cat. Number	Descriptions
BM3101027	Plan achromatic objective 60x/0.80, spring loaded
BM3101028	Plan achromatic objective 100x/1.25, spring loaded, oil
BM3101029	Plan darkfield objective 100x with iris diaphragm for oil dark field condenser
BM3101030	Plan phase contrast achromatic objective 10x/0.25
BM3101031	Plan phase contrast achromatic objective 20x/0.40
BM3101032	Plan phase contrast achromatic objective 40x/0.65
BM3101033	Plan phase contrast achromatic objective 100x/1.25
BM3101034	NA 1.25 Abbe Condenser with Iris Diaphragm
BM3101035	Dark field condenser (dry)
BM3101036	Dark field condenser (oil)
BM3101037	Simple Polarising set
BM3101038	Turret phase contrast set, including turret phase contrast condenser, plan phase contrast objectives 4x, 20x, 40x & 100x, with centering telescope & green filter
BM3101039	0.75x C-Mount lens for digital camera
BM3101040	0.5x C-Mount lens for digital camera
BM3101041	0.75x C-Mount lens for digital camera
BM3101042	1x C-Mount lens for digital camera
BM3101043	Rechargeable device
DWT-A001	9.5" LCD Attachment with integrated display camera, with IMX307, 1/2.8" sensor, 2x2um, 5m Mega pixel, CMOS chip, 1x USB2.0 port for connecting USB flash drive/mouse, 1x USB3.0 port for connecting mouse, 1x USB2.0 port for connecting to computer, 1x HDMI port to connecting screen monitor, Image: 1920x1080@60FPS, Video: 1920x1080@30FPS, built-in with image software
DIT-A001	DPI tablet with 10.5" touchscreen, integrated with 4K BMP camera, 1/2" sensor, 2.0x2.0um, CMOS chip, with 1x HDMI port, 2x USB3.0 ports, 1x USB2.0 port, 1x Gigabit Lan port, 2.4GHz/5GHz dual-band WIFI, support WIFI6, Support Bluetooth 5.0, Image: 30@3840*2160, support 1080 video, with Android OS system, built-in image process software
***	Various digital camera optional (please refer to ICOE digital camera brochure)