# Brief catalogue of BestScope Microscopes and Cameras

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Please see the following products list. If you have any interest in purchase, distribute, partnership, international alliance, investment, price list or detailed catalogues etc., please feel free to contact us.

**BestScope International Limited**

www.bestscope.net
BestScope Microscopes

1. BS-1000 Series Monocular Zoom Microscope

BS-1000A Monocular Zoom Microscope
- Infinite and high quality zoom optical system 1:6.5
- 7X-45X zoom images can be observed by easily operation
- Integration structure design makes it occupy less working Space
- With a microscope digital eyepiece MDE-130, it turns a digital microscope BS-1000AD.
- Take images, videos and measure by the software

2. BS-2000 Series Biological Microscope

BS-2000A, B, C Biological Microscope
- Including BS-2010A, BS-2000B, 2000C based on different condenser
- Huygens Eyepiece H5×, H10× Eyepiece
- Achromatic Objective 10×, 40×, (100×)
- Triple Nosepiece
- Plan-concave Mirror Illumination system
- Blue Filter and Green Filter
BestScope International Limited

**BS-2010 Series Monocular Biological Microscope**
- Including BS-2010A, 2010B, 2010C, 2010D based on different condenser and stage
- Monocular, Inclined at 45°, 360° Rotatable
- Wide Field Eyepiece WF10×, Achromatic Objective 4×, 10×, 40×(S)
- Coaxial coarse and fine focusing adjustable
- For educational use in elementary and high school.

**BS-2010E Binocular Biological Microscope**
- Sliding Binocular Head, Inclined at 45°, 360° Rotatable
- Wide Field Eyepiece WF10×, Achromatic Objective 4×, 10×, 40×(S), 100×(oil)
- Double Layers Mechanical Stage 110×120mm/70×20mm
- Abbe NA 1.25 with Iris Diaphragm & Blue Filter, Rack and Pinion Adjustment for Condenser
- For educational use in elementary and high school.

**BS-2010MD Monocular Digital Microscope**
- 1.3 Mega Pixel CMOS image sensor
- WF10X wide field plane-scope eyepiece, monocular eyepiece
- 45mm Achromatic Objective: 4×, 10×, 40×(S), 100×(S, Oil)
- Abbe Condenser: N.A. 1.25 (Ф2-Ф30mm)
- Professional software of real-time review, take photos, videos and measurement.
- Multi-language support: English, Chinese, Germany, French, Japanese, Arabic

**BS-2010BD Binocular Digital Microscope**
- 1.3 Mega Pixel CMOS image sensor
- WF10X wide field plane-scope eyepiece, binocular eyepiece
- 45mm Achromatic Objective: 4×, 10X, 40X(S), 100X(S, Oil)
- Abbe Condenser: N.A. 1.25 (Ф2-Ф30mm)
- Professional software of real-time review, take photos, videos and measurement.
- Multi-language support: English, Chinese, Germany, French, Japanese, Arabic
**BS-2020B Binocular Microscope**
- Compensation Free Binocular Head, Inclined at 30°, Interpupillary Distance 48-75mm
- WF10x/18 eyepiece, binocular (Trinocular) eyepiece
- Achromatic Objective 4x, 10x, 40x, 100x
- Coaxial Coarse & Fine Adjustment, Moving Range 24mm, Fine Division 0.004mm
- Abbe NA 1.20 with Iris Diaphragm & Filter Condenser
- New machining facility and advanced alignment technology

**BS-2020BD Binocular Digital Microscope**
- 1.3 (3.0) Mega Pixel CMOS image sensor
- WF10x/18 eyepiece, binocular eyepiece
- Achromatic Objective 4x, 10x, 40x, 100x
- Coaxial Coarse & Fine Adjustment Moving Range 24mm, Fine Division 0.004mm
- Professional software of real-time review, take photos, videos and measurement.
- Multi-language support: English, Chinese, German, French, Japanese, Arabic

**BS-2030 Biological Microscope**
- Including BS-2030M, 2030B, 2030T, based on different Viewing Head, also have BS-2030BD with 1.3 Mega Pixel CMOS image sensor
- WF10x/18 eyepiece, binocular eyepiece
- Achromatic Objective 4x, 10x, 40x, 100x
- Coaxial Coarse & Fine Adjustment, Moving Range 28mm, Fine Division 0.002mm
- Abbe NA 1.25 with Iris Diaphragm & Filter
- New machining facility and advanced alignment technology

**BS-2030BD Binocular Digital Microscope**
- 1.3 (3.0) Mega Pixel CMOS image sensor
- WF10x/18 eyepiece, binocular eyepiece
- Achromatic Objective 4x, 10x, 40x, 100x
- Double Layer Mechanical Stage 140x140mm/ 75x50mm
- Abbe NA 1.25 with Iris Diaphragm & Filter
- LED Illumination 3W
- Professional software of real-time review, take photos, videos and measurement.
**BS-2035B Binocular Microscope**
- Seidentopf Binocular (Trinocular) Head, Inclined at 30°, 360° Rotatable
- Wide Field Eyepiece EW10×/ 20
- Semi-plan Achromatic Objective 4×, 10×, 40×, 100×
- Coaxial coarse & fine focus adjustment, range 23mm, fine division 0.002mm
- NA 1.25 Abbe Condenser with Iris Diaphragm and Filter

**BS-2035DA Binocular Digital Biological Microscope**
- 1.3MP CMOS digital camera with high-resolution, 1280×1024, USB2.0 output
- Seidentopf type Binocular Head at 30°, Interpupillary Distance 55-75mm( 48-75mm)
- Wide Field EW10/20
- Semi-plan Achromatic Objective 4×, 10×, 40×, 100×
- NA1.25 Abbe Condenser with iris diaphragm and filter, rack & pinion adjustment

**BS-2035DB Binocular Digital Biological Microscope**
- BS-2035DB1: 0.3MP CMOS digital camera, USB1.0 output
- BS-2035DB2: 0.4MP CCD digital camera, RCA, S-Vide, USB2.0 Output
- Seidentopf type Binocular Head, inclined at 30°, Interpupillary Distance 55-75mm
- Wide Field EW10/-20
- Semi-plan Achromatic Objective 4×, 10×, 40×, 100×
- NA1.25 Abbe Condenser with iris diaphragm and filter, rack & pinion adjustment

**BS-2040B Binocular Microscope**
- Seidentopf binocular (Trinocular) head, 30° inclined, Interpupillary 48-75mm
- Infinite optical system
- WF10×/18 eyepiece, binocular eyepiece
- Infinite Semi-plan Achromatic Objective 4×, 10×, 40×, 100×
- Coaxial Coarse & Fine Adjustment, Moving Range 20mm
- Sliding-in condenser NA1.25
- 6V/ 20W Halogen Lamp, Brightness Adjustable
**BS-2040F(LED) Fluorescent Biological Microscope**
- Excellent fluorescent image with infinite optical system.
- Wide Field Eyepiece WF10×/18
- Infinite Semi-plan Achromatic Objective: 4×, 10×, 40×, 100×
- Sliding-in Centerable Condenser NA 1.25
- Double Layers Mechanical Stage 140×140/ 75×50 mm
- 465-476nm excited wavelength with high SNR.
- LED Illumination with 50,000 hours life span.

**BS-2040BD Binocular Digital Microscope**
- Built-in 3M pixel digital camera with ScopeImage Advanced Micro-image Process Software
- Wide Field Eyepiece WF10×/18
- Infinitive Semi-plan chromatic objectives 4×, 10×, 40×, 100×
- Sliding-in centerable condenser NA1.25
- 220V or 110V/ 6V/ 20W Halogen Lamp, Brightness Adjustable
- Professional software of real-time review, take photos, videos and measurement

**BS-2050B1 Biological Microscope**
- Seidentopf Binocular (Trinocular) Head, Inclined at 30°, Interpupillary Distance 55-75mm
- Wide Field Eyepiece WF10×/18
- Achromatic Objective 4×, 10×, 40×, 100×
- NA 1.25 Abbe Condenser with Iris Diaphragm and Filter
- Coaxial Coarse & Fine Adjustment System, Range 24mm, Fine Division 2µm
- Halogen Lamp 6V/ 20W, Brightness Adjustable

**BS-2050B2 Biological Microscope**
- Seidentopf Binocular (Trinocular) Head, Inclined at 30°, Interpupillary Distance 55-75mm
- Wide Field Eyepiece WF10×/18
- Achromatic Objective 4×, 10×, 40×, 100×
- NA 1.25 Abbe Condenser with Iris Diaphragm and Filter
- Coaxial Coarse & Fine Adjustment System, Range 24mm, Fine Division 2µm
**BS-2060 Medical Microscope**
- Seidentopf Binocular (Trinocular) Head, Inclined at 30°, 360° Rotatable
- Wide Field Eyepiece WF10×/ 18
- Achromatic Objective 4×, 10×, 40×, 100×
- Double Layers Mechanical Stage 140×140mm/ 75×50mm
- NA 1.25 Abbe Condenser with Iris Diaphragm and Filter, Rack & Pinion Adjustment
- Halogen Lamp 6V/ 20W, Brightness Adjustable

**BS-2070B Biological Microscope**
- Infinite optical system
- Seidentopf Binocular (Trinocular) Head, Inclined at 30°, 360° Rotatable
- Wide Field Eyepiece WF10×/20
- Infinite achromatic objective 4×,10×,40×,100×
- Abbe condenser NA1.25 with aperture diaphragm
- Rectangular 216×150mm, cross travel 78×54mm, using low-positioned X/ Y coaxial control knob, can hold two slides
- 12V/20W Halogen lamp, brightness adjustable

**BS-2070BD Digital Biological Microscope**
- Infinite optical system
- 3.2MP built-in digital camera system with professional image process software, 5.0MP and 9.0MP cameras are optional.
- Seidentopf Binocular Viewing Head Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm
- WF10×/20 Eyepiece Infinite Plan Achromatic Objective 4×, 10×, 40×, 100×
- Abbe Condenser NA1.25 with Aperture Diaphragm
- LED illumination, Brightness Adjustable

**BS-2070F(LED) Fluorescent Biological Microscope**
- Excellent fluorescent image with infinite optical system.
- Seidentopf Binocular(Trinocular) Viewing Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm
- WF10×/20 Infinite Plan Achromatic Objective 4×, 10×, 40×, 100×
- 465-476nm excited wavelength with high SNR.
- LED illumination with 50,000 hours life span.
BS-2072 Series Biological Microscope
- Excellent image quality with infinite optical system.
- Seidentopf Binocular(Trinocular) Viewing Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm
- Extra Wide Field Eyepiece EW10×/22, Eyepiece Tube Diameter 30mm
- Infinite Plan Achromatic Objective 4×, 10×, 40×, 100×
- Abbe Condenser NA1.25 with Aperture Diaphragm
- 12V/20W Halogen Lamp, Brightness Adjustable

BS-2080 Laboratory Biological Microscope
- Seidentopf Trinocular Head, Inclined at 30°, Interpupillary Distance 48-75mm
- Extra Wide Field Eyepiece EW10×/22
- Infinite Plane Achromatic Objective 4×, 10×, 40×, 100×
- Swing-out Condenser NA 0.9/0.25
- With Infinite Optical System, Kohler Illumination, providing excellent optical quality and making Image perfect

BS-2080F(LED) Fluorescent Biological Microscope
- Excellent fluorescent image with infinitive optical system.
- Seidentopf Trinocular Head, Inclined at 30°, Interpupillary Distance 48-75mm
- Wide Field Eyepiece WF10×/22
- Infinite Plan Achromatic Objective 4×, 10×, 40×, 100×
- Swing Condenser NA 0.9/0.25
- Double Layers Mechanical Stage 185×142/75×55 mm
- 465-476nm excited wavelength with high SNR.

BS-2080D Motorized Auto-Focus Microscope
- With four motors drive, objective nosepiece, stage with X, Y, Z directions can be controlled manually or motorized.
- Infinite Optical System
- 3.2 Megapixels camera system, USB 2.0 plugs and play; real-time preview is up to 30 frames/sec.
- Exrta wide field eyepiece EW10×/22, eyepiece tube Φ30mm
- Infinite Plan Achromatic Objective 4×, 10×, 20×, 40×, 100×
- Swing out Condenser NA0.9/0.25
3. BPM Series Portable Microscopes

**BS-2090 Inverted Biological Microscope**
- Seidentopf Trinocular Head Inclined at 30°, Interpupillary Distance 48-75mm
- High-point, Extra Wide Field Eyepiece EW10×/22
- 4×/0.1, WD 18mm, 40×/0.6 and WD 2.6mm LWD Infinite Plan Objective; PH10×/0.25, WD 10mm and PH20×/0.4, WD 5.1mm Infinite Plan Phase Objective
- ELWD (Extra Long Working Distance) Condenser NA 0.3, LWD 72mm (Without Condenser 150mm)

**BS-2092 Inverted Biological Microscope**
- Excellent optical function with infinite optical system.
- Seidentopf Trinocular Viewing Head, Inclined at 45°, 360° Rotatable, Interpupillary Distance 48-75mm
- Wide Field Eyepiece WF10×/22
- LWD (Long Working Distance) Infinite Plan Achromatic Objective 4×/0.1, WD 22mm; LWD (Long Working Distance) Infinite Plan Achromatic Phase Objective: 10×/0.25, WD 6mm, 20×/0.4, WD 3.1mm, 40×/0.55, WD 2.2mm

**BPM-130 Portable USB digital microscope**
- Easy to use handheld digital microscope with USB output interface
- 20X to 200X Magnification Ratio, 1.3 Mega Pixels CMOS
- Manual Focus from 10mm to 500mm
- Rich LED illuminator support, 8 LED adjustable by control wheel
- Software with measurement & calibration function
- Multi-language support: English, Germany, Spanish, Korean, French, Russian

**BPM-290 Portable Inverted Biological Microscope**
- Small portable microscope, simple to operate, good performance, high-definition.
- Eyepiece 10×/18, Achromatic Objective; 4× NA0.08/WD16
- 10× NA0.25/WD3.6 40× NA0.60/WD0.6
- Plain Stage with Slide Clips
- Bright field, LED Illumination (AA Battery X2)
- Moving Range 2.6mm
- Inverted design is suitable for observing liquid samples.
**BPM-300 Series Portable Measuring Microscope**
- Including BPM-300A, BPM-300B, BPM-300C, BPM-300D based on different magnification (100×, 50×, 40×, 20×)
- Eyepiece 10× with reticle and diopter adjustment
- Mechanical Tube Length 160mm
- Focus Range 30mm
- Diameter of Bearing Plane 63mm
- Particularly suitable for spot examination of machinery industry, paper making, printing and textile, etc

**BPM-600 Portable Metallurgical Microscope**
- Plan eyepiece 10×/Φ6mm, 12.5×/Φ3mm
- Objective 10×/0.25 N.A/7.3mm, 40×/0.65 N.A/0.5mm
- Total Magnification 100×-500×
- Mechanical tube length
- Focusing range 25mm
- It adopts a rechargeable LED illuminator, it is portable and easy to use. It can work more than 40 hours after one charge.

**BPM-600M Portable Metallurgical Microscope**
- Plan eyepiece 10×/Φ6mm, 12.5×/Φ3mm
- Objective 10×/0.25 N.A/7.3mm, 40×/0.65 N.A/0.5mm
- Total Magnification: 100×-500×
- Mechanical tube length 160mm
- Focusing range 25mm
- It adopts a rechargeable LED illuminator, it is portable and easy to use. It can work more than 40 hours after one charge.

**BPM-620 Portable Metallurgical Microscope**
- Plan eyepiece 10×/18mm
- Long work distance plan objective: 10×, 50×
- Total Magnification: 100×-500×
- Mechanical tube length 160mm
- Focusing range 36mm
- It adopts a rechargeable LED illuminator, it is portable and easy to use. It can work more than 40 hours after one charge.
4. BS-3000 Series Stereo Microscopes

**BS-3010 Binocular Stereo Microscope**
- BS-3010A: Inclined Binocular Viewing Head, Un-rotatable
- BS-3010B: Inclined Binocular Head, 360° Rotatable
- WF10×Eyepiece. 2×, 4×Objective
- BS-3010A: 57mm Working Distance
- BS-3010B: 76mm Working Distance
- Smart and cost-effective stereo microscope. Optional cold light and ring light can be chosen for this microscope

**BS-3020 Academic Zoom Stereo Microscope**
- Binocular (Trinocular) head, inclined at 45°, Diopter adjustable
- Wide field eyepiece 10×/Φ20
- Zoom objective 0.7×-3×/1×-4.5×, Zoom ratio 1:4.3/1:4.5
- High resolution, Wide viewing field, Long working distance of 97mm
- High quality, high function and excellent cost performance. Ideal instrument in academic, medical and industrial field.

**BS-3040 Zoom Stereo Microscope**
- Binocular (Trinocular) Viewing Head, Inclined at 45°
- Extra wide field eyepiece EW10×/22
- Zoom objective 0.8×-5×, Zoom ratio 6.3:1
- High resolution, Wide viewing field, Long working distance of 115mm
- With Complete eyepieces, objectives and accessories, it is an ideal instrument for industry assembling, inspection and teaching field

**BS-3060 Zoom Stereo Microscope**
- Infinite Parallel Zoom Optical System
- Including BS-3060A, BS-3060B, BS-3060C based on different Zoom Objective (0.8×-5×, 0.8×-6.4×, 0.8×-8×)
- Binocular (Trinocular) Head, 20°Inclination
- EW10×/Φ22 Eyepiece
- Plan Achromatic Objective 1×
- It is an Outstanding Assistant in Industrial, Medical and Scientific Research Areas.
5. BS-4000 Industrial Inspection Microscope

BS-4000 Industrial Inspection Microscope

- Trinocular Head
- Extra Wide Field Eyepiece EW10X/22
- Infinitive Plan Achromatic Objectives 4×/0.1 WD25.4mm, 10×/0.25 WD11mm, 20×/0.4 WD6mm, 40×/0.6 WD3.7mm
- Coaxial Coarse & Fine Adjustment, Range24mm
- It is specially used in IT Industry for Large Area Integrate Circuit, Wafer Observation and Inspection

6. BS-5000 Series Polarizing Microscope

BS-5030 Reflected Polarizing Microscope

- Reflected polarizing microscope for normal inspection and education.
- Sliding binocular (trinocular) viewing head, Inclined at 45°
- Eyepiece WF 10×/20 Strain free achromatic objective 4×, 10×
- Strain free plan achromatic objective 25×, 40×, 63×
- Optical Compensator λ Slip (First class red), 1/4 λ Slip, Quartz wedge

BS-5060 Polarizing Microscope

- Sliding Binocular (Trinocular) Head at 45°, 360° Rotatable
- Eyepiece WF10×/ 18 with Scale of Crosshair
- Strain free Achromatic Objective 4×, 10×, 40×
- Abbe Condenser with Iris Diaphragm & Filter
- Sliding in/ out of Optical Path, Located on the Top of Collector
- 6V/20W Halogen Lamp, Brightness Adjustable
- With polarizing accessories

BS-5070 Polarizing Microscope

- Transmitted and reflected illumination system of BS-5070BTR and BS-5070TTR offers a much better effect and wider application
- Excellent Infinite Optical System
- Seidentopf Binocular (Trinocular) Viewing Head, inclined at 30°, 360° Rotatable
- WF10×/20 Eyepiece: Objective 4×, 10× for Reflected/Transmitted System, Objective 20×, 40×, 60× for Transmitted System
BestScope International Limited

BS-5080 Polarizing Microscope
- Compensation Free Binocular (Trinocular) Head at 30°, 360° Rotatable
- Eyepiece WF10×/18 with Scale of Crosshair
- Strain free Achromatic Objective 4×, 10×, 40×, 60×
- NA1.25 Abbe Condenser with Iris Diaphragm & Filter
- Sliding in/out of Optical Path, Located on the Top of Collector
- 6V/20W Halogen Lamp, Brightness Adjustable

BS-5090 Polarizing Microscope
- Transmission and reflection polarizing microscope
- Sliding trinocular viewing head, Inclined at 30°
- Eyepiece WF10×/20
- Strain free achromatic objective 4X, 10X; Strain free achromatic objective (Transmitted) 25X, 40X, 63X; Strain free plan achromatic objective (Reflected) 25X, 40X, 63X
- Condenser NA1.25 Abbe condenser with iris diaphragm & filter

BS-5092 Polarizing Microscope
- Infinite Optical System
- Seidentopf trinocular head, Inclined at 30°, Interpupillary 48-75mm
- Plan Eyepiece EW10×/22
- Strain-Free Plan Achromatic Objective 4×/0.10/∞/-, WD 17.3mm; 10×/0.25/≈0.17, WD 10.0mm; 40×/0.65/≈0.17, WD 0.54mm; 100×/1.25/≈0.17, WD 0.13mm
- Gypsum λ plate, mica λ/4 plate, quartz wedge plate are equipped
- Strain free swing out condenser NA0.9/0.25

BS-5092RF/TRF Polarizing Microscope
- Infinite Optical System
- Seidentopf trinocular head, Inclined at 30°, Interpupillary 48-75mm
- Plan Eyepiece EW10×/22
- Strain-Free Plan Achromatic Objective 5×/0.12/∞/-, WD 15.5mm; 10×/0.25/≈0.17, WD 10.0mm; 20×/0.4/≈0, WD 5.8mm; 50×/0.75/≈0, WD 0.32mm; 100×/0.8/≈0, WD 2mm; (40×/0.65/≈0.17, WD 0.54mm; 100×/1.25/≈0.17, WD 0.13mm)
- Strain free swing out condenser NA0.9/0.25
7. BS-6000 Series Metallurgical Microscope

**BS-6000A Upright Metallurgical Microscope**
- Binocular (Trinocular) Head, WF10×/18 Eyepiece
- Infinitive plan achromatic objectives 4×/0.1_/∞_/ - WD25.4mm, 10×/0.25_/∞_/ - WD11.0mm, 40×/0.60_/∞_/ WD3.7mm
- Coaxial Fine & Coarse Adjustment
- Kohler Illumination, Epi-illuminator with iris aperture diaphragm and iris field diaphragm, 6V/20W Halogen Lamp, Brightness Adjustable

**BS-6000B Inverted Metallurgical Microscope**
- Trinocular head inclined at 30°, interpupillary distance 48-75mm
- High-point, extra wide field eyepiece EW10×/ 20
- Infinite Plan Achromatic Objective 4×/ 0.1, 10×/ 0.25, 20×/ 0.40, 40×/ 0.60
- Coaxial coarse & fine adjustment, Vertical objective movement, Coarse stroke 37.7mm per rotation, Fine stroke 0.2mm per rotation
- Halogen lamp 6V/ 30W

**BS-6010R/TR Metallurgical Microscope**
- Infinite optical system provides excellent optical functions.
- Siedentopf binocular viewing head, inclined at 30°, interpupillary distance 48-75mm
- WF10×/22 Eyepiece with scale of cross hair
- Infinite Plan Achromatic Objective 5×/0.12_/∞_/ (BF/DF); 10×/0.25_/∞_/ (BF/DF); 20×/0.4_/∞_/ (BF/DF); 50×/0.75_/∞_/ (BF/DF); 100×/0.90(Dry)/_/∞_/ (BF) (40×/0.65_/∞_/0.17; 100×/1.25_/∞_/0.17 (BF))

**BS-6020RF/TRF Laboratory Metallurgical Microscope**
- Laboratory metallurgical microscope, including bright field, dark field and polarization observation system
- Siedentopf trinocular viewing head, inclined at 30°, interpupillary distance 48mm-75mm
- Extral wide field eyepiece EW10×/22, eyepiece tube Ø30mm
- Infinite Plan Achromatic Objective 5×/ 0.12_/∞_/ (BF); 10×/ 0.25_/∞_/ (BF/DF); 20×/ 0.4_/∞_/ (BF/DF); 50×/ 0.75_/∞_/ (BF); 100×/ 0.8_/∞_/ (BF); 40×/ 0.65_/∞_/0.17; 100×/ 1.25_/∞_/ 0.17
**BS-6022RF/TRF Laboratory Metallurgical Microscope**
- Laboratory metallurgical microscope, including bright field, dark field and polarization observation system, DIC attachment is also optional.
- Siedentopf trinocular viewing head, inclined at 30°, interpupillary distance 48mm-75mm
- Infinite Plan Achromatic Objective 5×/0.12/∞/0 (BF/DF); 10×/0.25/∞/0 (BF/DF); 20×/0.4/∞/0 (BF/DF); 40×/0.65/∞/0.17; 100×/1.25/∞/0.17; 50×/0.75/∞/0 (BF/DF); 100×/0.8/∞/0 (BF/DF)

**BS-6020D Automatic Metallurgical Microscope**
- Four motor drive, objective nosepiece, stage and coarse & fine focus adjustment can be controlled manually or motorized
- Brightness of halogen lamp is divided in to 100 steps (0-99), which can be controlled by the digital controller
- 3.2MP digital camera system, USB2.0 plug and play, real-time preview can be up to 30 frames/sec.
- Built-in dynamic focusing system, auto-focus without computer.

**BS-6030 Inverted Metallurgical Microscope**
- Infinite optical system provides excellent optical functions. DIC observation is optional.
- Siedentopf trinocular head, inclined at 30°, interpupillary distance 48-75mm
- EW10×/ 20 Eyepiece with scale of cross hair
- Infinite LWD Plan Achromatic Objective: 5×/0.12/∞/0 (BF/DF); 10×/0.25/∞/0 (BF/DF); 20×/0.4/∞/0 (BF/DF); 40×/0.65/∞/0.17; 100×/1.25/∞/0.17; 50×/0.75/∞/0 (BF/DF); 100×/0.9/∞/0 (BF/DF)

**BS-6040 Inverted Metallurgical Microscope**
- High level research metallurgical microscope
- Infinite optical system provides excellent optical functions. DIC observation is optional.
- Siedentopf trinocular head, inclined at 30°, interpupillary distance 48-75mm
- EW10×/ 20 Eyepiece with scale of cross hair
- Infinite Plan APO Objective: 5×/0.17/∞/0 (BF/DF); 10×/0.28/∞/0 (BF/DF); 20×/0.5/∞/0 (BF/DF); 50×/0.75/∞/0 (BF/DF); 100×/0.8 (Dry)/∞/0 (BF)
8. BS-7000 Series Laboratory Fluorescent Microscope

**BS-7000A Upright Fluorescent Biological Microscope**
- Compensation Free Trinocular Head Inclined at 30°.
- Interpupillary Distance 48-75mm
- Extra Wide Field Eyepiece EW10×/22
- Infinite Plan Achromatic Objective 4x, 10x, 40x, 100x
- Swing Condenser NA 0.9/0.25
- Coaxial Coarse & Fine Adjustment, Fine Division 0.001mm
- External Illumination, Aspherical Collector, Halogen Lamp 6V/30W

**BS-7000B Inverted Fluorescent Biological Microscope**
- Trinocular Head Inclined at 30°, Interpupillary 48-75mm
- High-point, Extra Wide Field Eyepiece EW10×/22
- LWD Infinite Plan Objective 4x/0.1, WD 18mm, 40x/0.6, WD 2.6mm, Infinite Plan Phase Objective PH 10×/0.25, WD 10mm, PH 20×/0.4, WD 5.1mm,
- ELWD Condenser NA 0.3, LWD 72mm
- Innovative Stand structure, Sharp Image Display, Convenient and Special for Viewing Incubating Cell Tissue

**BS-7020 Inverted Fluorescent Biological Microscope**
- Seidentopf Trinocular Viewing Head, Inclined at 45°, 360° Rotatable, Interpupillary Distance 48-75mm
- Wide Field Eyepiece WF10×/22, Eyepiece Tube Diameter 30mm
- LWD Infinite Plan Achromatic Objective 4x/0.1, WD 18mm
- LWD Infinite Plan Achromatic Phase Objective 10×/0.25, WD 6mm 20×/0.4, WD 3.1mm 40×/0.55, WD 2.2mm
- ELWD(Extra Long Working Distance) Condenser NA 0.3, LWD 72mm (Without Condenser 150mm)

9. BS-8000 Series Gemological Microscope

**BS-8020B&BS-8030B/T Gemological Microscope**
- Cost effective and affordable gemological microscopes
- Inclined Binocular (Trinocular) head, 360° Rotatable
- Eyepiece WF10×/20 (SWF10×/22)
- Objective 1×-4× (2×, 4×)
- Incident Illumination Halogen lamp 12V/10W Fluorescent 10W
- Transmitted Illumination Halogen lamp 12V/10W
10. Multi-Head Microscope

**BS-8040 Gemological Microscope**
- Stereo Zoom Body Zoom ratio 0.7×-4.5×, zoom ratio 1:6.5, working distance 95mm
- Eyepiece Extra wide field eyepiece WF10×/23 with diopter adjustment
- Binocular (Trinocular) head, inclined at 45°, Interpupillary Distance 55-75mm
- Iris diaphragm 2mm-41mm, Bright and dark viewing field illumination are adjustable

**BS-8060 Gemological Microscope**
- Extra wide field eyepiece EW10×/ 22 with diopter adjustment
- Trinocular head can be chosen to fit to a microscope camera
- Zoom ratio 0.8×-5×, working distance 115mm
- Iris diaphragm 2mm-41mm, Bright and dark viewing field illumination are available
- Illumination: 8W Fluorescent lamp, Fiber lighting, 6V/ 20W Halogen illumination
- At both side, there are two gem clamp fixing holds for you to choose

**BS-2030MH4A Multi-Head Microscope**
- 2 pcs Sliding binocular heads, inclined at 45°
- 4Pcs Wide Field Eyepiece WF10×
- Achromatic Objective 4×, 10×, 40×, 100×
- Abbe Condenser NA1.25
- Coaxial Coarse & Fine Focus Adjustment, Fine Division 0.002mm
- Halogen Lamp 6V/ 20W

**BS-2030MH4B Multi-Head Microscope**
- 1 pc Sliding binocular heads, inclined at 45°,
  2Pcs Monocular Head, inclined at 45°
- 4Pcs Wide Field Eyepiece WF10×
- Achromatic Objective 4×, 10×, 40×, 100×
- Abbe Condenser NA1.25
- Coaxial Coarse & Fine Focus Adjustment, Fine Division 0.002mm
- Halogen Lamp 6V/ 20W
BS-2030MH10 Multi-Head Microscope
- 5 pc Sliding binocular heads, inclined at 45°
- 10 Pcs Wide Field Eyepiece WF10×
- Achromatic Objective 4×, 10×, 40×, 100×
- Abbe Condenser NA1.25
- Coaxial Coarse & Fine Focus Adjustment, Fine Division 0.002mm
- Halogen Lamp 6V/ 20W
- Green LED Pointer, Brightness Adjustable

BS-2080MH4A Multi-Head Microscope
- Infinite Optical System
- 1 PC Seidentopf Trinocular Head, 1PCS Seidentopf Binocular Head, Inclined at 30°, 360° Rotatable, Interpupillary Distance 48-75mm
- 4PCS Extra Wide Field Eyepiece EW10×/ 20
- Infinite Plan Achromatic Objective 4×, 10×, 40×, 100×
- Swing Condenser N.A.0.9/ 0.25
- External Illumination, Halogen Lamp 12V/ 50W

BS-2080MH4 Multi-Head Microscope
- Infinite Optical System
- 1 PC Seidentopf Trinocular Head, 1PCS Seidentopf Binocular Head, Inclined at 30°, 360° Rotatable, Interpupillary Distance 48-75mm
- 4PCS Extra Wide Field Eyepiece EW10×/ 20
- Infinite Plan Achromatic Objective 4×, 10×, 40×, 100×
- Swing Condenser N.A.0.9/ 0.25
- External Illumination, Halogen Lamp 12V/ 50W

BS-2080MH6 Multi-Head Microscope
- Infinite Optical System
- 1 PC Seidentopf Trinocular Head, 2PCS Seidentopf Binocular Head, Inclined at 30°, 360° Rotatable, Interpupillary Distance 48-75mm
- 6PCS Extra Wide Field Eyepiece EW10×/ 20
- Infinite Plan Achromatic Objective 4×, 10×, 40×, 100×
- Swing Condenser N.A.0.9/ 0.25
- External Illumination, Halogen Lamp 12V/ 50W
11. BSC Series Comparison Microscope

**BS-2080MH10 Multi-Head Microscope**
- Infinite Optical System
- 1 PC Seidentopf Trinocular Head, 4PCS Seidentopf Binocular Head, Inclined at 30°, 360° Rotatable, Interpupillary Distance 48-75mm
- 10PCS Extra Wide Field Eyepiece EW10×/20
- Infinite Plan Achromatic Objective 4×, 10×, 40×, 100×
- Swing Condenser N.A.0.9/0.25
- External Illumination, Halogen Lamp 12V/50W

**BSC-5B Comparison Microscope**
- Optical Magnification Range: 3.1×-120×
- Eyepiece: 10×, 16×, 25×; Objective: 0.64×, 1×, 1.6×, 2.5×, 4×, 0.4× (Optional)
- Bridge Magnification: 1.2×; Photograph Magnification: 3×; Video Magnification: 0.44×
- Working Distance: 100mm
- 12V 50W Halogen, adjustable, air-blast strong light source; Cold Light Source: 12V 50W, adjustable, Φ10mm

**BSC-5D Digital Comparison Microscope**
- Optical Magnification Range: 2.5×-120×
- Eyepiece: WF10×/Φ22mm, WF20×/Φ14mm; Objective: 0.6×, 1.2×, 2×, 3.5×, 5×(0.3×, 2.0× optional)
- 3Mega Pixel, support USB/VGA/AV/DAI output, have camera connector
- Field of view Diameter: Φ2.5mm～Φ90mm
- Working Distance: 100mm
- Illumination: 300W cold light source

**BSC-9B Digital Comparison Microscope**
- Optical Magnification Range: 2.5×-130×, LCD display
- Eyepiece: WF10×(Φ22mm); Objective: 0.8×, 1.2×, 2×, 3.5×, 4×(0.3×, 2× optional)
- 3Mega Pixel CCD camera, support USB/AV output, have camera connector
- Field of view Diameter: Φ0.6mm～Φ92mm
- Working Distance: 100mm
- 24V 300W cold light source, adjustable
12. BLM Series LCD Digital Microscope

**BLM-250 Series LCD Digital Biological Microscope**
- 2.5” TFT LCD screen with 4x digital zooming, rotatable at maximum 100° elevation angle and 180° pivoting.
- 3.0 Mega Pixels CMOS sensor
- 32MB Build-in Memory and Expandable to Max 1GB SD Card
- Wide Field Eyepiece WF10×/18
- (Infinite) Semi-Plan Achromatic Objective 4×, 10×, 40×, 100×
- Abbe NA1.25 Condenser with Iris Diaphragm and Filter

**BLM-260 Series LCD Digital Biological Microscope**
- LCD Screen 8 Inches TFT Screen, Resolution is 800X 600
- Resolution: 5Mega Pixel,
- Compensation Free Binocular Head, Inclined 30°
- Wide Field Eyepiece WF10×/16
- Infinity (Semi-plan) Achromatic
  4X/0.10,10X/0.25,40X/0.65(Spring),100X/1.25 (Spring,Oil)
- Two kinds of observation modes, binocular eyepiece and LCD screen, which can meet different needs

**BLM-270 LCD Digital Microscope**
- Infinite Optical System  8.4 Inch TFT Touching screen
- 2.0 Mega Pixels CMOS Sensor W-LAN and LAN function
- Seidentopf Binocular Head, 30° inclined, 360° Rotatable, Interpupillary 48-75mm
- WF10×/ 20 Eyepiece
- Infinite Plan Achromatic Objective 4×, 10×, 40×, 100×
- Abbe Condenser NA1.25 with Aperture Diaphragm
- LED Illumination, Brightness Adjustable
**BLM-280 LCD Digital Microscope**
- It is a new generation microscope which supports 100M Ethernet network, WI-FI wireless net and can communicate with remote PC
- LCD Screen: 8.4 Inch TFT Touching screen
- Wide Field Eyepiece EW10×/18
- Infinite Semi-Plan Achromatic Objective 4×, 10×, 40×, 100×
- Windows CE 5.0 System, NMS(microscope software) & NMS Client(computer software)

**BLM-290 Digital LCD Inverted Biological Microscope**
- LCD Screen: 8 Inches TFT Screen, Resolution is 800X 600
- Pixel: 5 Mega Pixel
- Compensation Free Binocular Head, Inclined at 30°, Interpupillary Distance 48-75mm
- High-point, Extra Wide Field Eyepiece EW10×/22
- LWD Infinite Plan Objective 4×/0.1, WD 18mm, 40×/0.6, WD 2.6mm, Infinite Plan Phase Objective PH10×/0.25, WD 10 mm, PH20×/0.4, WD 5.1mm

**BLM-320 Digital LCD Stereo Microscope**
- LCD Screen: 8 Inches TFT Screen, Resolution is 800X 600
- Resolution :5MP Pixel Pixel
- Zoom Range 0.7×-4.5, Zooming Ratio 1: 6.5, Magnification 19×-120×, Visual Field 6.8×8.9-1.0×1.3mm, 88mm Working Distance
- 0.5X/0.75X/1X/1.5X/2X Objective
- SD Card Slot with Optional Memory Cards (Maximal Storage Capacity is 4G)

**BLM-320M Digital LCD Stereo Measuring Microscope**
- LCD Screen: 8 Inches TFT Screen, Resolution is 800X 600
- Resolution :5 Pixel Pixel
- Zoom Range 0.7×-4.5, Zooming Ratio 1:6.5, Magnification 19×-120×, Visual Field 6.8×8.9-1.0×1.3mm, 88mm Working Distance
- X-Y Axis Moving Range:30X30mm; Minimum Measuring Reading: 0.001mm, Measurement Accuracy: <7um
- 0.5X/0.75X/1X/1.5X/2X Objective
BLM-500 Digital LCD Polarizing Microscope
- LCD Screen: 8 Inches TFT Screen, Resolution is 800X 600
- With a 5 Mega Pixel high resolution camera
- Eyepiece: Wide Field Plan Eyepieces WF10X(Ф22mm.)
  Dividing Eyepiece (field number: Ф22mm) 0.10mm/Div
- Objective: Strain-free Infinity Long WD Plan Achromatic Objective (No Cover Glass): PL L5X/0.12, PL L10X/0.25, PL L40X/0.60spring, PL L60X/0.70spring
- Adopts a polarizing light to observe and research objects which have double refraction features

BLM-600A Digital LCD Metallurgical Microscope
- LCD Screen: 8 Inches TFT Screen, Resolution is 800X 600
- With a 5 Mega Pixel high resolution camera
- Eyepiece: Wide Field Eyepiece WF10X/18
- Infinity Plan Achromatic Objective: 4×/0.1/∞/- WD25.4mm, 10×/0.25/∞/- WD11.0mm, 20×/0.40/∞/- WD6.0mm, 40×/0.60/∞/0 WD3.7mm
- Special designed metallurgical analysis optical system and an 8” LCD screen, images videos can be share with other people

BLM-600AM Digital LCD Metallurgical Measuring Microscope
- LCD Screen: 8 Inches TFT Screen, Resolution is 800X 600
- With a 5 Mega Pixel high resolution camera
- Compensation Free Binocular Head, 30° Inclined
- Wide Field Eyepiece WF10X/18
- Infinity Plan Achromatic: 4×,10×, 20×, 40×
- X-Y Axis Moving Survey Range: 30X30mm
- Minimum Reading: 0.001mm, Measurement Accuracy<7um

BLM-600B Digital LCD Inverted Metallurgical Microscope
- LCD Screen: 8 Inches TFT Screen, Resolution is 800X 600
- With a 5 Mega Pixel high resolution camera
- High-point, Extra Wide Field Eyepiece EW10×/ 22
- Infinite Plan Achromatic Objective: 4×/ 0.1,10×/ 0.25,20×/ 0.40,40×/ 0.60
- Specially designed metallurgical analysis optical system and an 8” LCD screen, images and videos can be share with other people.
BLM-700A Digital LCD Fluorescence Microscope
- LCD Screen: 8 Inches TFT Screen, Resolution is 800X 600
- With a 5 Mega Pixel high resolution camera
- High-point, Extra Wide Field Eyepiece EW10×/ 22
- Infinite Plan Achromatic Objective 4X/10X/40X/100X
- It is consisted of a fluorescence microscope, an 8” LCD screen and a 5 Mega Pixels camera, images and videos can be share with other people.

BLM-700B Digital LCD Inverted Fluorescence Microscope
- LCD Screen: 8 Inches TFT Screen, Resolution is 800X 600
- With a 5 Mega Pixel high resolution camera
- High-point, Extra Wide Field Eyepiece EW10×/ 22
- LWD Infinite Plan Objective: 4×/ 0.1, 40×/ 0.6, Infinite Plan Phase Objective: PH 10×/ 0.25, PH 20×/ 0.4
- It is consisted of an inverted fluorescence microscope, an 8” LCD screen and a 5 Mega Pixels camera, images and videos can be share with other people.

BLM-750 Digital LCD Fluorescence Microscope
- LCD Screen: 8 Inches TFT Screen, Resolution is 800X 600
- With a 5 Mega Pixel high resolution camera
- Wide Field Eyepiece WF10×/ 18
- Achromatic Objective 4×, 10×, 40×, 100×
- NA 1.25 Abbe Condenser with Iris Diaphragm and Filter
- Halogen Lamp 6V/ 20W, Brightness Adjustable
- It is consisted of a fluorescence microscope, an 8” LCD screen and a 5 Mega Pixels camera, images and videos can be share with other people.

BLM-800 Digital LCD Gemological Microscope
- LCD Screen: 8 Inches TFT Screen, Resolution is 800X 600
- With a 5 Mega Pixel high resolution camera
- SWF10X/22mm Eyepiece
- Zooming Ratio: 1:7.0,
- Eyepiece Diopter Correction: ±5 Diopters
- Objective Zoom Range: 0.65X-4.5X
- Working Distance: 103mm
- Plat Clamp: Moderate to hold hard, conveniently.
1. MDE Microscope Digital Eyepiece

**MDE-130 Microscope Digital Eyepiece**
- 1/3.2 " CMOS Colorful Sensor
- 640×480, 800×600, 1024×760, 1280×1024 Image Format
- Connecting Mode: Directly Insert it into Eyepiece Tube of Microscope (23.2mm or 30mm)
- Image frame Rate: 30PfS@VGA (I420), 15PfS@VGA(YUY2)
- With measurement functions, it is an outstanding assistant in medicine, teaching, industrial inspection field and other sectors

2. BUC1 Series USB2.0 Digital Cameras

**BUC1-130C USB2.0 Colorful Digital Camera (1.3MP)**
- 1/2" color 1.3 mega pixel CMOS image sensor
- Pixel Size : 5.2μm×5.2μm
- Support the static image capture (JPG, BMP), dynamic AVI image capture, MP4
- Support the adjustment of exposure time, color, brightness, contrast, saturation
- Support standard C-mount and all kinds of customized lens

**BUC1-200C USB2.0 Colorful Digital Camera (2.0MP)**
- 1/3"color 2.0mega pixel CMOS image sensor (4:3)
- Pixel Size : 5.2μm×5.2μm
- Support the static image capture (JPG, BMP), dynamic AVI image capture, MP4
- Support the adjustment of exposure time, color, brightness, contrast, saturation
- Support standard C-mount and all kinds of customized lens

**BUC1-320C USB2.0 Colorful Digital Camera (3.2MP)**
- 1/2"color 3.2 mega pixel CMOS image sensor
- Pixel Size : 3.2μm×3.2μm
- Support the static image capture (JPG, BMP), dynamic AVI image capture, MP4
- Support the adjustment of exposure time, color, brightness, contrast, saturation
- Support standard C-mount and all kinds of customized lens
3. BUC2 Series USB2.0 Digital Cameras

**BUC2-130C USB2.0 Colorful Digital Camera (1.3MP)**
- 1/2 inch 1.3MP CMOS Image Sensor (4:3)
- Through USB2.0 interface, getting Real-time and Non-compressing video data and capturing image directly
- High sensitivity, low noise, excellent color correction
- Insert it into microscope eyepiece tube or top tube of trinocular head. Easy and fast software installation
- User-friendly image processing software

**BUC2-200C USB2.0 Colorful Digital Camera (2.0MP)**
- 1/2 inch 2.0MP CMOS Image Sensor (4:3)
- Through USB2.0 interface, getting Real-time and Non-compressing video data and capturing image directly
- High sensitivity, low noise, excellent color correction
- Insert it into microscope eyepiece tube or top tube of trinocular head. Easy and fast software installation
- User-friendly image processing software

**BUC2-320C USB2.0 Colorful Digital Camera (3.2MP)**
- 1/2 inch 3.2MP CMOS Image Sensor (4:3)
- Through USB2.0 interface, getting Real-time and Non-compressing video data and capturing image directly
- High sensitivity, low noise, excellent color correction
- Insert it into microscope eyepiece tube or top tube of trinocular head. Easy and fast software installation
- User-friendly image processing software

**BUC1-500C USB2.0 Colorful Digital Camera (5.0MP)**
- 1/2” color 5.0 mega pixel CMOS image sensor
- Pixel Size: 2.2μm×2.2μm
- Support the static image capture (JPG, BMP), dynamic AVI image capture, MP4
- Support the adjustment of exposure time, color, brightness, contrast, saturation
- Support standard C-mount and all kinds of customized lens
BUC2 --500C USB2.0 Colorful Digital Camera(5.0MP)
- 1/2 inch 5.0MP CMOS Image Sensor(4:3)
- Through USB2.0 interface, getting Real-time and Non-compressing video data and capturing image directly
- High sensitivity, low noise, excellent color correction
- Insert it into microscope eyepiece tube or top tube of trinocular head. Easy and fast software installation
- User-friendly image processing software

BUC2 --900C USB2.0 Colorful Digital Camera(9.0MP)
- 1/2 inch 9.0MP CMOS Image Sensor(4:3)
- Through USB2.0 interface, getting Real-time and Non-compressing video data and capturing image directly
- High sensitivity, low noise, excellent color correction
- Insert it into microscope eyepiece tube or top tube of trinocular head. Easy and fast software installation
- User-friendly image processing software

BUC2B --130C USB2.0 Colorful Digital Camera(1.3MP)
- 1/3 inch 1.3MP CMOS Image Sensor(4:3) MT9M111
- Resolution 1280×1024
- Frame Rate 15fps@1280×1024;30fps@640×480
- High sensitivity, low noise, excellent color correction
- Insert it into microscope eyepiece tube or top tube of trinocular head. Easy and fast software installation
- User-friendly image processing software

BUC2B --320C USB2.0 Colorful Digital Camera(3.2MP)
- 1/2 inch 3.2MP CMOS Image Sensor(4:3) MT9T001
- Resolution 2048×1536
- Frame Rate 11fps@2048×1536;30fps@640×480
- High sensitivity, low noise, excellent color correction
- Insert it into microscope eyepiece tube or top tube of trinocular head. Easy and fast software installation
- User-friendly image processing software
4. BUC3 Series CMOS Industrial Digital Cameras

**BUC2B --500C USB2.0 Colorful Digital Camera(5.0MP)**
- 1/2.5 inch 5.0MP CMOS Image Sensor(4:3) MT9P001
- Resolution 2592x1944
- Frame Rate 8fps@2592x1944;30fps@640x480
- High sensitivity, low noise, excellent color correction
- Insert it into microscope eyepiece tube or top tube of trinocular head. Easy and fast software installation
- User-friendly image processing software

**BUC2B --1000C USB2.0 Colorful Digital Camera(10.0MP)**
- 1/2.3 inch 10.0MP CMOS Image Sensor(4:3) MT9J001
- Resolution 3856x2764
- Frame Rate 3fps@3856x2764;25fps@1280x1024
- High sensitivity, low noise, excellent color correction
- Insert it into microscope eyepiece tube or top tube of trinocular head. Easy and fast software installation
- User-friendly image processing software

**BUC3A Smart Industrial Digital Camera**
- Including BUC3A-36C/M, BUC3A-130C/M, BUC3A-320C based on different CMOS image sensor.
- Multiple mounting angles, suitable for all kinds of industrial production equipments’ installation requirements
- High-speed USB2.0 interface, up to 480Mb/s
- Support extraction modes, users can choose AOI area(Area of Interest), the image frame rate is greatly speed up after the extraction

**BUC3B Industrial Digital Camera**
- Including BUC3B-36C/M, BUC3B-130C/M, BUC3B-320C, BUC3B-500C/M, BUC3B-900C, BUC3B-1000C based on different CMOS image sensor.
- Multiple mounting angles, suitable for all kinds of industrial production equipments’ installation requirements
- High-speed USB2.0 interface, up to 480Mb/s
- Support extraction modes, users can choose AOI area(Area of Interest), the image frame rate is greatly speed up after the extraction
5. BUC4 Series CCD Digital Cameras

**BUC3C Industrial Digital Cameras (Frame buffer)**
- Including BUC3C-36C/M, BUC3C-130C/M, BUC3C-320C, BUC3C-500C/M, BUC3C-900C, BUC3C-1000C, BUC3C-1400C based on different CMOS image sensor.
- Multiple mounting angles, suitable for all kinds of industrial production equipments’ installation requirements
- High-speed USB2.0 interface, up to 480Mb/s
- With board frame buffer, double buffer preview, real-time acquisition with external trigger.

**BUC4 CCD Digital Camera**
- Including BUC4-140C, BUC4-140M, BUC4-500C, BUC4-800C based on different CCD image sensor.
- High-speed USB2.0 interface, up to 480Mb/s
- Perfect image quality and high dynamic range with the perfect detail
- High speed image preview and fast focus
- Support Directshow and Twain

**BUC4 Cooled CCD Digital Camera**
- Including BUC4-140C(Cooled), BUC4-140M(Cooled), BUC4-500C(Cooled) based on different Cooled CCD image sensor.
- Noise Reduction: semiconductor cooling to 30°C below of room temperature
- High speed image preview and fast focus
- Perfect image quality and high dynamic range with the perfect detail

**BUC4-140C/M(Cooled, ICX285) Series USB2.0 High Sensitive CCD Digital Cameras**
- Including BUC4-140C(Cooled, ICX285) 1 stage cooling, BUC4-140C(Cooled, ICX285) 2 stages cooling, BUC4-140M(Cooled, ICX285) 1 stage cooling, BUC4-140M(Cooled, ICX285) 2 stages cooling
- Real scientific-grade colorful/mono 2/3” CCD image sensor
- High sensitivity and low image noise, no compression, no interpolation
6. BUC4B Series CCD Digital Cameras

**BUC4B CCD Digital Camera**
- Including BUC4B-140C, BUC4B-140M, BUC4B-200C, BUC4B-200M, BUC4B-140C(285) and BUC4B-140M(285)
- Real scientific-grade colorful/mono CCD image sensor with high sensitivity and low image noise, no compression, no interpolation
- Perfect image quality and high dynamic range with the perfect detail
- High speed image preview and fast focus

7. BUC5 Series USB3.0 CMOS Digital Camera

**BUC5 Series USB3.0 CMOS Digital Camera**
- Including BUC5-500C, BUC5-500M, BUC5-1000C, BUC5-1400C based on different sensor.
- Adopt the latest USB3.0 technology, the speed and performance are much higher than USB2.0 digital cameras
- Multiple mounting angles, suitable for all kinds of industrial equipments installation
- Real industrial colorful/mono CMOS image sensor with high sensitivity, high dynamic range, no compression, no interpolation

8. BVC Series High-Definition VGA Digital Cameras

**BVC-130 HD VGA Digital Camera(1.3MP)**
- 1/2” 1.3MP colorful CMOS image sensor
- Resolution: 1280X1024
- Data Output: VGA output. It can be directly connected to monitors and projectors.
- Camera mount: C/CS.
- Control functions Wireless remote control, R, G, B gain, exposure, cross line position adjustment and parameters preserve

**BVC-320 HD VGA Digital Camera(3.2MP)**
- 1/2” 3.2MP colorful CMOS image sensor
- Resolution: 2048X1536
- Data Output: VGA output. It can be directly connected to monitors and projectors.
- Camera mount: C/CS.
- Control functions Wireless remote control, R, G, B gain, exposure, cross line position adjustment and parameters preserve
9. BHC Series HDMI Digital Cameras

BHC Series HDMI Digital Cameras
- Including model BHC-720P and BHC-1080P
- BHC-720P: 5.0 Mega Pixel; 1280×720@60Hz (720P)
- BHC-1080P: 10.0 Mega Pixel; 1920×1080@60Hz (1080P)
- Colorful CMOS Sensor
- HDMI / DVI output
- Support the remote controller, white balance adjustment, R, G, B gain adjustment, automatic exposure adjustment, image freeze, image flip, digital 2x zoom magnification, 8 pairs crosshairs adjustment, initialize parameters and save the parameters

10. BLC Series CMOS LCD Digital Cameras

BLC-250 LCD Digital Camera
- 5Mega Pixels, Full Resolution: 2592×1936
- 9.7” 2nd Generation HD LED Backlit LCD Screen (1024×768)
- G-sensor, Multi-point Capacitance Touch Screen
- Android 2.3 Operating System
- Integrated Measurement Software.
- It has a C-mount connector which can be connected to any microscopes with microscope adaptors.

BLC-500 LCD Digital Camera
- 5.0 MegaPixels, 1/2.5 " CMOS Sensor
- 10.1" Multi-point Touch LED Screen (1024×600)
- G-sensor, 360 Degree Revolve Touch Screen
- Windows 7 Operating System
- Professional Measurement Software, Multi Language
- It has a C-mount connector which can be connected to any microscopes with microscope adaptors.