

Name: Trinocular Stereo Microscope

Model: BST-X65S

Magnifying: 6.5x-65x

Working area size:310\*258mm

G.W.: 5.09KG

Package size: 385\*330\*225mm



# Dedicated for maintenance and testing. Trinocular stereomicroscope

Naked eye 3D effect, adjustable binocular refractive power, large  
maintenance work platform



# Multiple advantages converge into one



Six characteristics



6.5-65 continuous doubling

Continuous zoom



High definition  
objective lens

HD Objectives



0.5X fine-tuning  
mirror

0.5X zoom lens



LED adjustable light

LED adjustable light



3D naked eye

3D naked eye



360 ° rotation

Rotate 360 degrees

**Observation height: 110mm**

**Field of view: 24mm**

**6.5-65 times  
Adjustable  
magnification**



Working distance



Eyepiece range



Continuous  
zoom

**Observation height: 100mm**

**Field of view range: 20mm**

**7 to 45 times  
Adjustable  
magnification**

**VS**



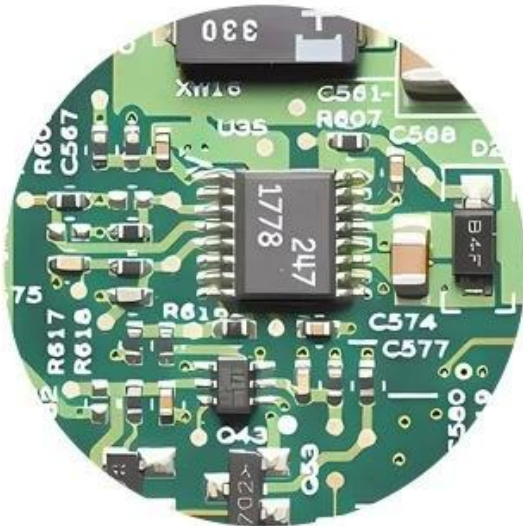
# True Sanmu computer synchronization



## Dual output, one machine dual-use

No need to pull a rod, the image observed by the eyepiece can be synchronized in real time to the computer display. Convenient for observation, recording, measurement, and eye fatigue free use





Observation effect with wide-angle eyepiece. Wide field of view, bright and comfortable observation



Ordinary eyepiece observation effect. Narrow field of view, dark observation, prone to visual fatigue

**High eye point:** Even if the eye is farther away from the eyepiece, one can still see the scene inside the eyepiece, not just looking back. Comfortable and suitable for people wearing glasses



It can be adjusted according to the different visual acuity of the two eyes to achieve clear vision for both eyes

## Continuous zoom focus

Fine tune the 0.65-6.5X continuous zoom knob, combined with the focusing handwheel, to achieve fast and clear imaging





# Widely applicable

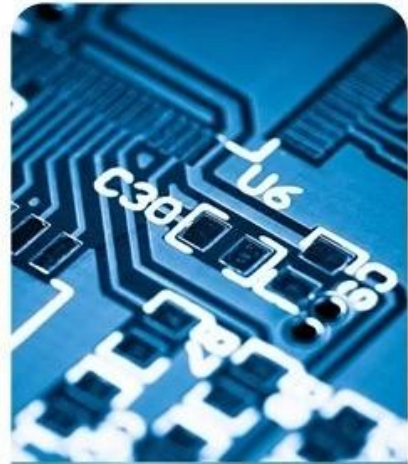
Suitable for PCB repair, CPU patching, wiring repair, etc



Cellphone Repairs  
PHONE REPAIR



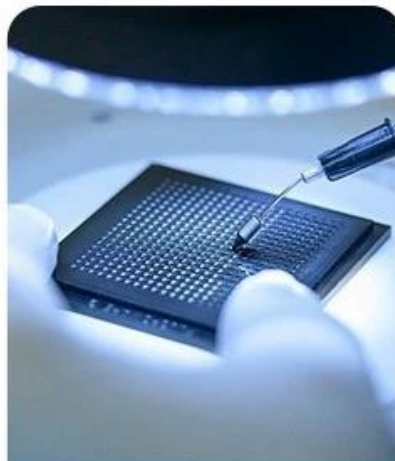
Cable repair  
SMI PATCHES



Line Link  
BGA PLANTING IIN



Watch Repair  
WATCH REPAIR



CPU replenishment  
point  
WELDING WORK



PCB repair  
CAPACITANCE RESISTANCE

## Naked eye 3D experience

The two tube optical axes form a viewing angle equivalent to that of the human eye when observing with both eyes. This forms a stereoscopic visual image of three-dimensional space



## LED adjustable light | adjustable freely

Illuminate dark areas more evenly, with adjustable brightness. Make observing objects clearer and more suitable for more work



## Vertical TV expansion interface. Comes with a 0.5X magnifying glass



The vertical TV expansion interface is connected to the electronic eyepiece to synchronize imaging with the computer and cooperate with functions. Powerful software that can take photos, record videos, measure, and enable multiple people to watch simultaneously, reducing costs. Low eye fatigue.



Connect DSLR camera



Connect the camera



Connect the display screen

**High eye point  
wide-angle eyepiece.  
Ultra high definition large  
field of view**

**45°**  
Oblique cutting  
machine head

**32.2 mm**  
Field of view range

**±5D**  
Refractive  
adjustment

**55-75**  
Adjustable  
pupillary distance

Equipped with high transparency optical glass, the magnified image has strong stereoscopic effect, high resolution, and image surface. Flat, both eyes support adjustment of refractive power and pupillary distance, in accordance with ergonomic design. Calculation and observation are not easily fatigued.



## Multi layer coated objective lens

The optical lenses are coated with special film layers, which have sharp and anti reflective effects, resulting in stable and clear imaging. Metal copper material infinitely adjustable, suitable for long-distance work

continuity  
Doubling

Mold proof  
durable

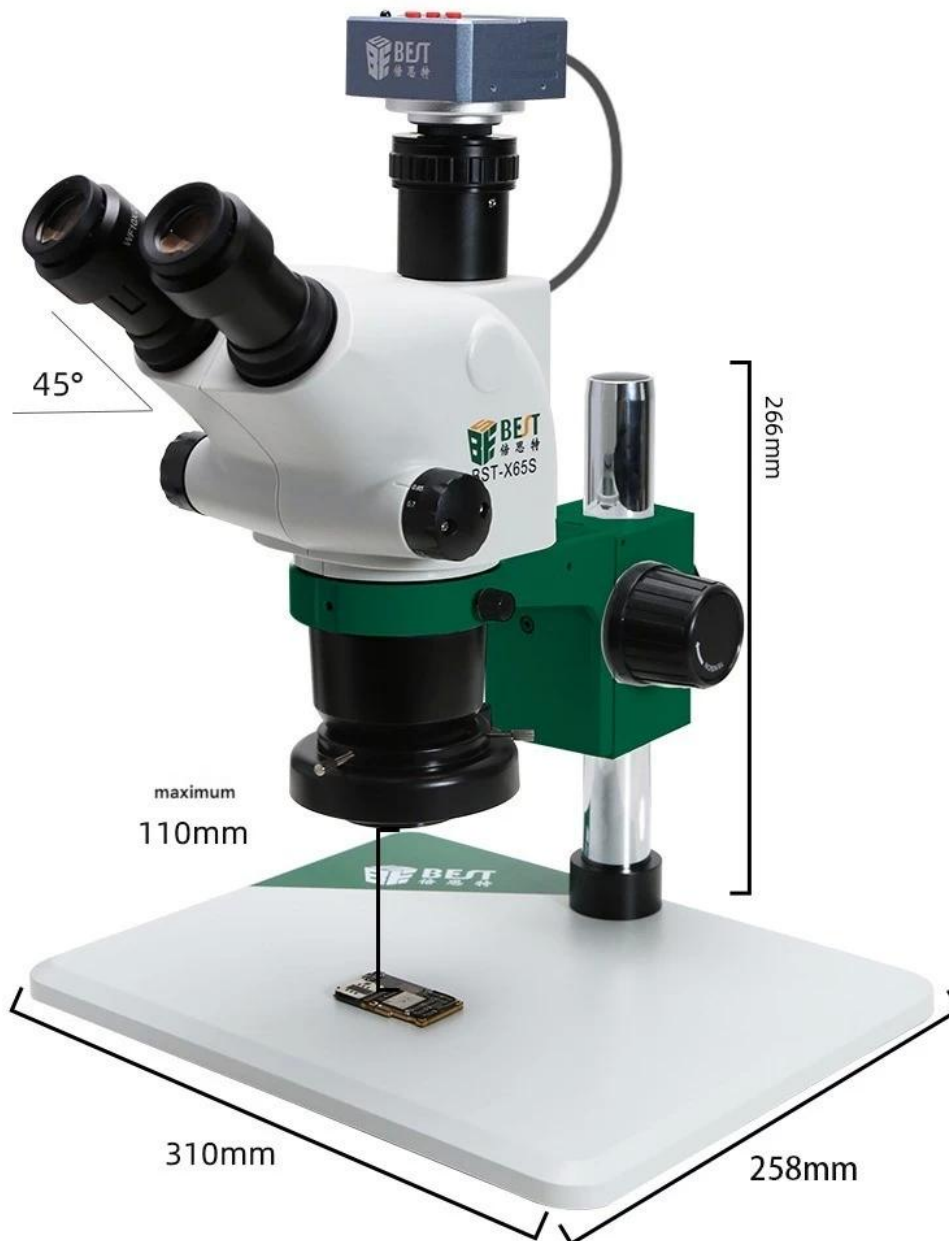
multi-storey  
Coating

copper  
Main  
materials





## Product parameters



| field Range                 | 6.5X             | 7.0X               | 10X                | 20X            | 30X                     | 40X          | 50X         | 60X | 65X |
|-----------------------------|------------------|--------------------|--------------------|----------------|-------------------------|--------------|-------------|-----|-----|
| enlarge Magnification ratio | 32.7             | 31.1               | 21.4               | 10.6           | 7.1                     | 5.4          | 4.3         | 3.6 | 3.4 |
| eyepiece                    | Working distance | Fine tuning mirror | Pupillary distance | Eyepiece angle | Net weight              | Gross weight | work area   |     |     |
| 10x/24                      | 110mm            | 0.5X               | 50-75              | 45°            | 4.33kg                  | 5.09kg       | 310*258mm   |     |     |
| Packaging size              |                  | 385*330*225mm      |                    |                | Eyepiece specifications |              | Sanmu style |     |     |