

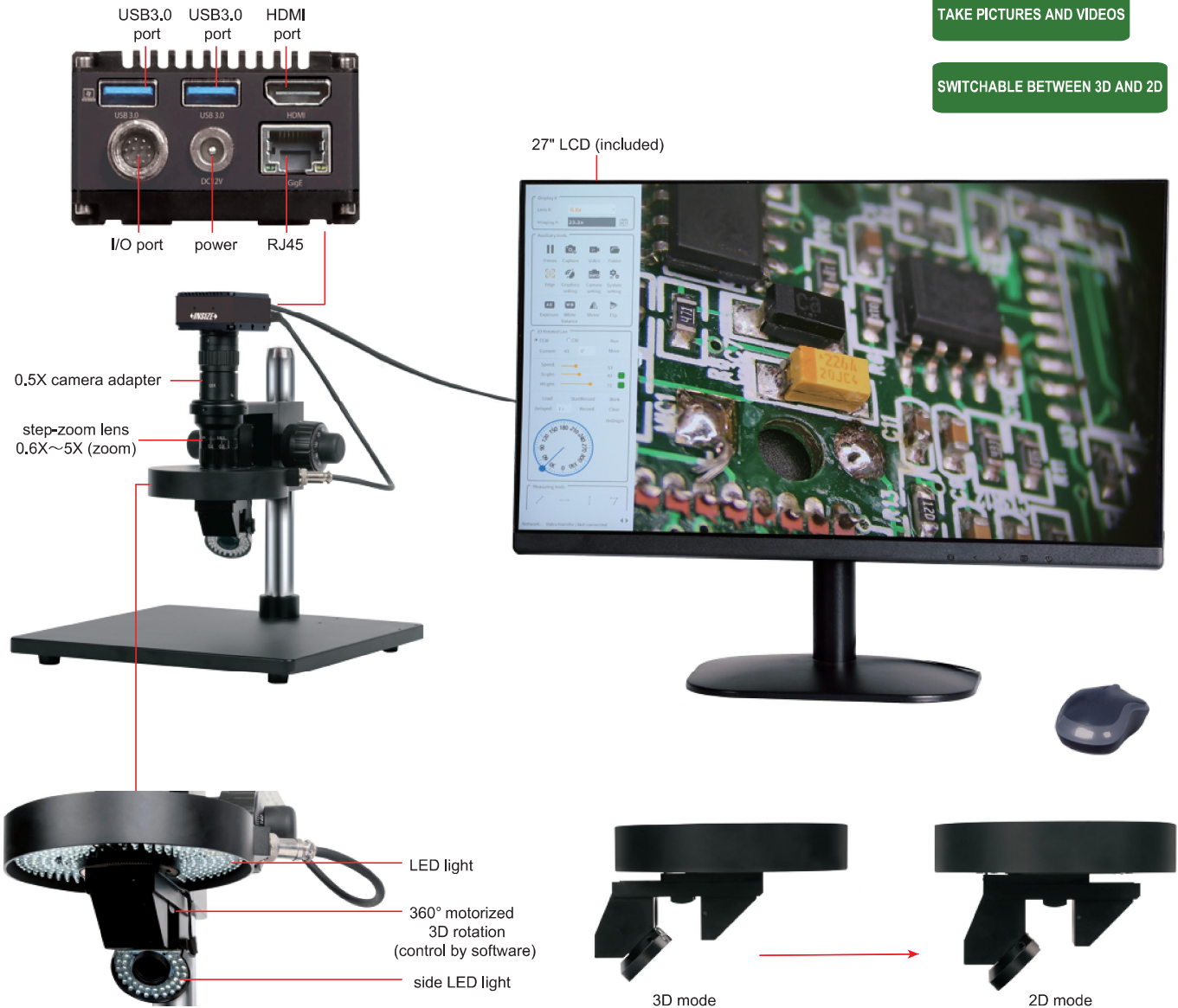
2D/MOTORIZED ROTATION 3D MICROSCOPE (WITH DISPLAY)

CODE 5327-MD10

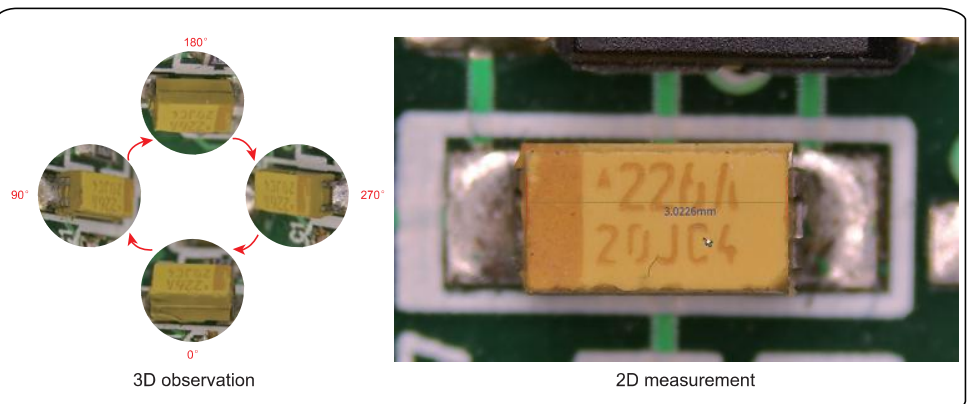
MOTORIZED 3D ROTATION

TAKE PICTURES AND VIDEOS

SWITCHABLE BETWEEN 3D AND 2D



- 4K high-definition 3D image
- Supports switching from 3D monitoring to 2D
- Take pictures and videos, save to USB flash disk
- Built-in software without computer, operated by mouse
- Measurement results can be sent to Excel
- Automatic white balance and exposure
- Brightness, contrast ratio, gain are adjustable
- 2D measurement can be achieved by connecting to computer software via an RJ45 port



SPECIFICATION

Magnification	26X~206X
View field	24×20~3×2mm
Sensor	1/1.8" CMOS
Pixel	8M
Resolution	3840×2160
Single pixel size	2×2μm
Frame rate	60fps
Focus distance (2D)	86mm
Focus distance (3D)	50mm
Output	HDMI
Power supply	power adapter
Dimension (L×W×H)	330×300×318mm
Net weight	7.8kg

2D MAGNIFICATION, VIEW FIELD AND MEASURING ACCURACY

Objective magnification	Image magnification	View field	Measuring accuracy
0.6X	26X	23×13mm	±5μm
0.8X	34X	17×10mm	±5μm
1X	42X	14×8mm	±5μm
1.5X	62X	9×5mm	±5μm
2X	83X	7×4mm	±5μm
2.5X	103X	5.5×3mm	±4μm
3X	123X	4.5×2.5mm	±4μm
3.5X	144X	4×2mm	±4μm
4X	165X	3.5×2mm	±3μm
4.5X	185X	3×1.5mm	±3μm
5X	206X	2.5×1.5mm	±3μm

STANDARD DELIVERY

Main unit (with stand)	1pc
0.5X camera adapter	1pc
1X auxiliary objective	1pc
16G USB flash disk	1pc
White/black plate	1pc
Mouse	1pc
LCD (27")	1pc
Calibration plate	1pc
Power adapter	1pc



16G USB flash disk (included)



calibration plate (included)

SOFTWARE (INCLUDED)

assist tools

3D rotating lens assist tools

customizable rotation angle control

measuring tools

The software interface includes a sidebar with 'Assist tools' (Freeze, Capture, Video, Folder, Edge, Graphics, Camera setting, System setting, Exposure, White balance, Monitor, Hg) and '3D Rotated Lens' controls (Speed, Height, Width, Delay, Run, Stop, Record, Clear, Measure). It also features a 'Measuring tools' section and a 'Network' status indicator.

A high-magnification real-time image of a green printed circuit board (PCB) showing various electronic components, including a yellow capacitor and several integrated circuits.

real-time image