

The Tekneka 9012 is a high-resolution digital microscope with a 10" wide color display and magnification of up to 1600x. It has a coaxial focus and a 90mm observation height, allowing users to get the same image clarity at all magnification levels. For specific standards, the user can choose from standard, black and white, warm, reverse, cool, green, or exposed color modes. Simple to use, featuring an adjustable-intensity light source and base plates that include a components box, magnetic area, scale, and micro item location space for sample organization. It has a viewfinder capability that lets you create grids and cross marks to annotate and send data about specific sections of the microscopic field. It has a 3000mAh battery that can provide 2 hours of continuous power backup.

### Features

- The 10" display offers good results with a screen resolution of 1024 x 600px
- It has many color options and a magnification of up to 1600x
- Manual focus at a 90mm distance from the object
- Haptic touch for adjusting settings and navigating menus
- Reviewing images and videos on the device is simple
- Light source ring with 30 LED adjustable knobs, powered by 5V/1A
- Magnification rings and lens height adjustments allow for proper focus on the subject
- Capable of recording and capturing high-resolution images on an external storage
- Option for remote control menu navigation and recording features
- The monitor can be adjusted by 90° for easy monitoring and inspection



### Applications

The Tekneka 9012 digital microscope is frequently utilized by material scientists, electronics service centers, electronics engineers, the food and beverage sector, metallurgy laboratories, textile and fashion, electronics and semiconductor manufacturing businesses, and biotechnology.

### Packing Includes

- Base Plates
- Mounting Screw Set
- LED Light Source
- Remote Controller
- 2 x Type C USB Cables
- Micro SD Card
- Specimen Pad
- Cleaning Cloth



Description	Ranges
Display Size	10"
Lens Pixel	12MP
Display Resolution	1024 x 600px
Magnification	1600x
Focal Length	90mm (fixed)
Focus Mode	Manual
Color Modes	std, b&w, warm, reverse, cool, green, exposed
Remote Controller	2.4G
Light Source	30 high brightness LEDs (adjustable)
Image Resolution	4032 x 3024px (JPG)
Video Resolution	1920 x 1080px (MOV)
Recording Mode	Image and Video
External Storage	32GB (expanded up to 128GB)
Supported Language	11 Multi-language
Battery Capacity	3000mAh
Working Hours	2 Hours
Charging Time	3 Hours
Power Supply	5V/2A
Operating Temperature	-10 ~ 50°C
Storage Temperature	-10 ~ 70°C/0 ~ 80%RH
Packing Dimension	31.6 x 29.1 x 18.5cm
Weight	Net: 2.7kg, Gross: 3kg

### Ordering Info

9012..... Digital Microscope