



KOPPACE 2 Million Pixels 24X-215X Electronic Measuring Microscope HD 1080P 60FPS HDMI Industry Microscope

KP-3000M-V

The embedded system based on FPGA+ARM architecture is used. Run the LINUX3.10 operating system. Dual core Cortex-A9 processor, the main frequency is 1Ghz and up to 1Gb DDR3 memory.

The 1/2 inch backlight CMOS Sensor is used. Up to 2 million high-speed image acquisition with resolution of 1920 x 1080@60fps.

Two USB interfaces, which can be connected to wireless mouse or keyboard. Flexible calibration method. mm, um,mil can be selected arbitrarily.

Original intelligent point taking function to ensure maximum consistency of measurement.

The measured images and data can be saved.

• Description

KP-3000M-V	
Variable ratio	1:6.5
Eyepiece	0.5X
Zoom Objective	0.7X-4.5X
Optical digital amplification	24X-215X
Working distance	90-110mm
Rise and fall range	275mm
Focusing range	60mm
Base Plate size	380X250X16mm
Bracket diameter	50mm
Chip structure	FPGA+ARM

Operating system	LINUX 3.10
Kernel structure	Cortex-A9
Main frequency	1Ghz
Optical size	1/2 inch
Resolution	1920×1080
Frame rate	60fps
Measurement function	Two points, point to line, three point circle, center distance, concentric circle, point to circle, line to circle, parallel line, rectangle, angle, radian, polygon.
Data saving	Image or Excel data preservation with measurement results
Measurement method	Mouse operation
Interface	2 USB interfaces. Connect a U disk, a wireless mouse, or a keyboard
Operating Voltage	12V
Operating temperature	-10 degree -70 degree
Packing List : 1、 Focus frame * 1 2、 0.7X-4.5X zoom objective* 1 3、 LED ring light * 1 4、 Pillar bracket and bottom plate * 1 5、 2 MP Measurement camera* 1 6、 HDMI HD cable * 1 7、 Camera power adapter * 1 8、 Calibration ruler * 1	