

Digital Video Inspection Microscope JBM-MZ50i



[illegible]

Product Features

Brand Name	JB MICROSCOPE
MODEL	JBM-MZ50i
Magnification	50x
Zoom Ratio	1.7
Zoom objective Eyepiece	0.7x-5x
Working	0.4x
Distance	100mm (increase Hight with 0.5x auxiliary lens)
Vertical Post Height	240mm
Vertical Post Diameter	φ32mm
Microscope Body Holder	φ50mm
Focus Travel	50mm
ESD Base Size	320x260x16mm
Material	Metal



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JBM-MZ50i + ANDROID SCREEN + ACCESSORIES Camera

CPU:	Max resolution 1080p, high frame frequency, duplex video decoding 4 core Cortex-A17, max frequency 1.8GHzSupport Android 5.1 and above system.
STORAGE INTERFACE	Support multiple storage and DDR3L, LPDDR2,LPDDR3 Built-in 2GB-RAM/4GB-ROM Storage, external SD cardis acceptable.
CAMERA VIDEO INTERFACE	UVC structure, work with external USB Camera Support multiple input format: RAW, RGB and YUV when using android tablet, support 8MP CMOS digital imaging, live display by 10-30 frames/sec (resolution1920*1080 and so on). White balance adjusting and image calibration.
HARDWARE	Android Touch Screen Tablet 10" retina IPS LED display, resolution 1920*1080 Support/ mouse input. Five Points touch screen. Support max 32GB C10 high speed SD card USB 2.0, HDMI, Standard USB2.0 extended Interface Support WIFI, Bluetooth, HDMI, USB, OTG.

ANDROID SCREEN, SPECIFICATION INBUILT WIFI

Camera MP	8 mega pixels
Storage	32 GB
Sensor	Aptina MT9P001
Scanning	Progressive
Sensor Size	1/2.5 inch (4;3)
Effective pixel	2592H*2.2um
Effective Image Size	5.70*4.28mm,7.13mm(diagonal)
Pixel Size	2.2um*2.2um
Dynamic range	66.5dB
SNR (max)	40.5dB
A/D exchange resolution	12-bit, on-chip
Sensitivity	0.53V/lux-sec(550nm)
Video Format and frames	1920*1080:15fps
Exposure range and format	ERS, auto

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CLEAR VISION

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