

# Datasheet

## Wireless Microscope for TV

Code: **913-2531**



913-2531 is a very innovative handheld color digital microscope with wireless transmission. It breaks the conception of traditional microscope. It is a small, easy to operate light and portable fun. It can be used with all the most popular TV.

**Main applications:**

- Industrial Inspection
- Electronics/mechanical assembly and quality control
- Scientific teaching tool
- School Research tool
- Printing Inspection
- Textile inspection
- Medical analysis
- Dermatology(skin/scalp)exam
- Hair and trichology inspection
- Insect dissection/observing
- Plant dissection/observing
- Collections/jewelry Inspection
- Reading aid
- etc.



	<b>CAMERA Information</b>
Sensor	CMOS 1/4"
Optical features	Exposure: Auto , Gamma: Auto , White balance: Auto
Resolution	656x492pixels
Color	24bit RGB
	<b>MICROSCOPE Information</b>
Magnification	5x~200x
Focus Range	8~200mm
Light Source	n. 8 <b>adjustable</b> White Led
Lens	High Definition Microscopy Lens
Dimensions	36mm(Diameter) x 138mm(Length)
Weight	88g
Litium Battery Working Hours	Continuous Working Time—Appx.2 Hours
Frame Rate	~60fps
Signal Interface	Standard Video RCA
Interface	AV/Video
Battery	Litium
Power Consumption	0.75W max
Power Source	5V/1A

**WIRELESS Information**

Frequency	Tx/Rx 2.4GHz - 4 Channels
Transmission Power	10mW
Receiving Sensitivity	-87dBm
Signal/Noise Ratio	47dBm
Antenna Resistance	50Ω 2.4GHz
Transmission distance	≥5m

**Packaging:**

Wireless Microscope;

DC 5.0V Power ;

AV cable;

Quick guide;

n. 2 Transparent Covers ;

**OPZIONAL:** AV/VGA Connector-Convertitor

**Magnification, Working distance, field of view:**

Magnification	Working distance	Field of view (x)	Field of view (y)	
10	157	39	29	
20	73	20	15	
30	41	13	10	
40	30	10	7.5	
50	22	8	6	
60	17	7	5	
80	14	5	4	
100	11	4	3	
150	13	2.5	2	
200	19	2	1.5	
<p><b>Listed values may differ slightly</b>            Working distances have been taken without front cap            Contact point:            Low Cover : 80x e 150x            High Cover : 60x e 200x</p>				Unit: mm