

Datasheet

Wireless Microscope for TV

Code: **913-2490**



913-2490 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.



	CAMERA Information
Sensor	CMOS 1/4"
Optical features	Exposure: Auto , Gamma: Auto , White balance: Auto
Resolution	656x492pixels
Color	24bit RGB
	MICROSCOPE Information
Magnification	5x~200x
Focus Range	8~200mm
Light Source	n. 8 adjustable 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	
Listed values may differ slightly Working distances have been taken without front cap Contact point: Low Cover : 80x e 150x High Cover : 60x e 200x				Unit: mm