

## Camera Microscope ISH1000 10MP / ISH500 5MP

**Description** High Resolution 10.0 Mega pixels resolution 1/2.3 inch chip size USB2.0 interface, non-compress image output, support in Window and Mac OS.

### Overview:

#### User-friendly Camera Routine Camera ISH1000

ISH1000, ISH500 and ISH300 cameras are Tucsen new generation routine cameras with effective resolution 10.0MP, 5.0MP and 3.0MP. They offer Plug-and-Play compatibility and come with user-friendly, efficient imaging software. They are another good choice for research, medicine, education and industry applications.

10MP Super high resolution,USB2.0 Plug-and-Play,Free imaging software and 3rd party software compatibility



### Specifications:

Model	ISH1000	ISH500
Sensor	Micron MT9P031	Micron MT9J001
Color/monochrome	Color	Color
Sensor size	1/2.5"	1/2.3"
Pixel size(μm)	2.2×2.2	1.67×1.67
Effective pixels	5.0MP	10.0MP
Max.resolution (H×V)	2592×1944	3664×2748
Scan mode	Progressive	Progressive
Shutter	Rolling shutter	Rolling shutter
Frame rate	5fps(2592 × 1944 Full Frame) 21fps(1280*960) 25fps (1024 × 768) 38fps (640 × 480)	3fps(3856 × 2764 Full Frame) 8fps(1832 × 1370) 28fps (916 × 680, 4 × 4Bin) —
Color depth	24bit	24bit
A/D	8 bit	8 bit
Exposure Control	Manual/Auto	Manual/Auto
Integration Time (S)	0.001-0.8	0.001-1
White Balance	Manual/Auto	Manual/Auto
Dynamic range	60dB	56dB
Operating temperature	0-60°C	0-60°C
Operating humidity	45%-85%	45%-85%
Storage temperature	-20-70°C	-20-70°C
Operating system	Windows / Linux / Mac	Windows / Linux / Mac
Optical port	C-Mount	C-Mount
Data interface	USB2.0/480Mb/s	USB2.0/480Mb/s

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