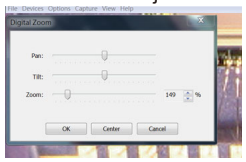
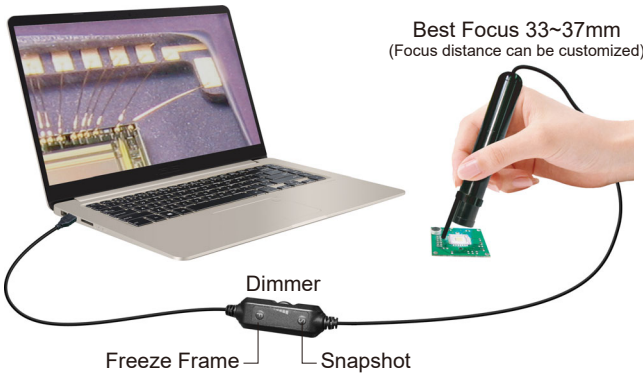
Unit: ± 0.5 mm

Feature

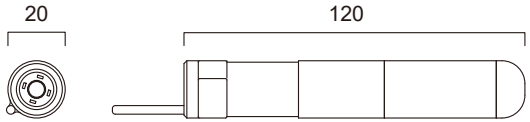
- High sensitivity!
- High performance
- Snapshot & Freeze function
- Camera parameter adjustable
- Full HD image pixel
- Microscope Application

Digital Zoom can be adjust via software.









Specification

Model No.	L18Z
Dimensions (mm)	Ø 20 x 120
Orientation	Front View
Camera Type	Board Type
Video Format	MJPEG / YUV
Image Sensor	1/6" Color CMOS Camera Module
Resolution	1920x1080 @ 15~30fps
Pixel Size (um)	1.4 x 1.4
Image Area (mm)	2.73 x 1.55
Sensitivity (Lux.Sec)	553 V
Dynamic Range	73.3 dB @ 15.5x gain
S/N Ratio	-
Scan Mode	Progressive
Shutter	Rolling
Lens	16 mm / F 7.5
View Angle	H= 9° 45'; V= 5° 33'; D= 11° 13'
Focus Distance (mm)	35-33-37
LED	White LED
Storage Temp.	-30 to 60 Degree C
Working Temp.	-10 to 60 Degree C
Interface	USB 2.0
Power Supply	DC 5 V
Power Current	160 mA (Max.)
Microphone	N/A
Operation System	Win XP, Win Vista, Win 7, Win 8, Win 10 Linux, MAC OSX

* Working temperature means the camera device, not environment temperature.

FMD-L18Z

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE
	xxxx		Color / B/W / Dimensions	
(F)M Basic	D Type A M Micro-B (OTG) T Type C I Mini-B	L Ergonomics Design	18Z / - / Ø 20 x 120	N/A None
*F Snapshot and Freeze Frame			*Z Zoom In, Zoom Out Function (via Software)	

LED	LENS		
	Code	Specification	View Angle
N/A White LED	N/A	16 mm / F 7.5	11°

* IR 940nm or IR 850nm LED is suggested to choose B/W camera type.
* Camera with LED light source is suggested to use lens with larger F-Stop number.
* Camera appearance or other requirements are applicable for customization.