

HDMI Digital Microscope

CE210T

All-in-one design for convenient HDMI
microscope imaging



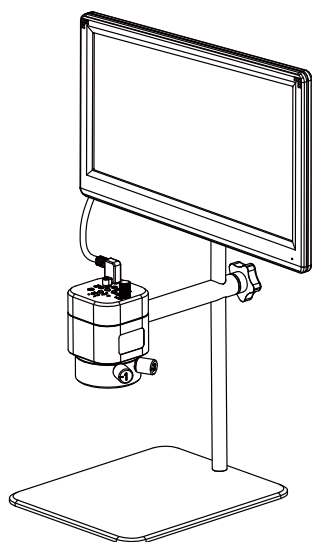
HDMI Digital Microscope (Type A)

Features

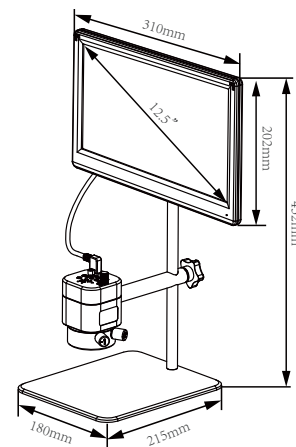
- Designed for convenient tabletop inspection
- Ultra-high dynamic range HDMI camera allows you to see more details
- 12.5 inch 1080P HD displayer with true color. Live image is displayed immediately upon startup
- Built-in multi-function image processing software
- The rear focus mode extends the working distance, and the working distance supports 44~200mm
- Monitor angle can be finely adjusted, elevation angle is $\leq 135^\circ$, depression angle is $\leq 20^\circ$
- Lightweight and compact design, without complicated cables and accessories, easy to install and keep the table clean.



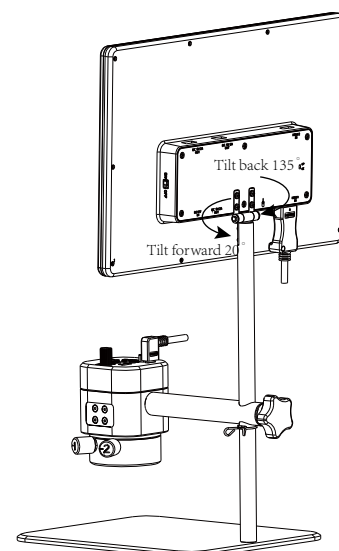
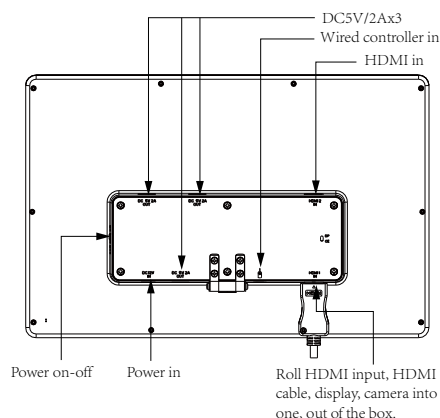
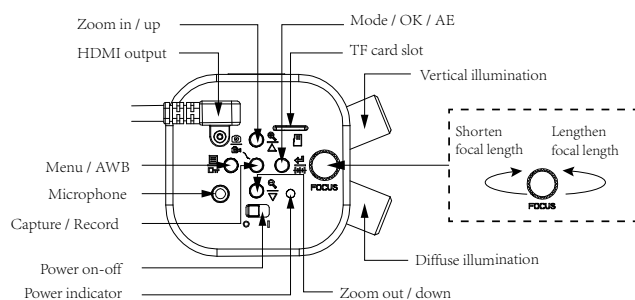
Specifications



Physical resolution	2.0 MP
Sensor model	Sony IMX291 CMOS sensor
Highest resolution	1920 x 1080 (2,073,600)
Sensor size	1/2.8" (6.058mm(H) x 4.415mm(V))
Pixel size	2.9 μ m x 2.9 μ m
Dynamic Range	128dB
SNR	30dB
Spectral response	380~650nm
Exposure	Real-time auto, single auto, manual adjustment
White balance	Real-time auto, single auto, manual R G B adjustment
Preview resolution	Auto-adaptive display, up to 1920X1080P60
Record format	Image Capture Format: JPG Resolution: 1920x1080 Record Format: MOV Resolution: 1920x1080, P60
Record path	TF card (up to 128G)
Power supply	Mini HDMI, DC12V / 3A
Working distance	44mm~200mm
Depth of field	0.8mm~7mm
Magnification	6x~39.4x((based on the standard 12.5-inch displayer actual measurement)
Scope of observation	7mmx4mm(at the highest magnification 39.4x) to 45.7mmx25.8mm(at the lowest magnification 6x)



Display parameters	
Panel size	12.5-inch
Panel type	a-Si TFT-LCD/IPS/Fog screen
Number of pixels	1920x1080
Display color	16.7M
Panel brightness	300 nits
Contrast	800:1
Viewing angle	Horizontal / vertical viewing angle: 170



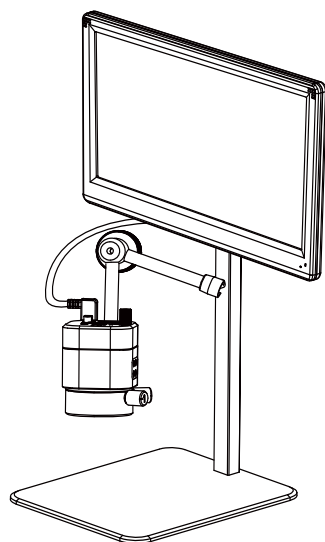
HDMI Digital Microscope (Type B)

Features

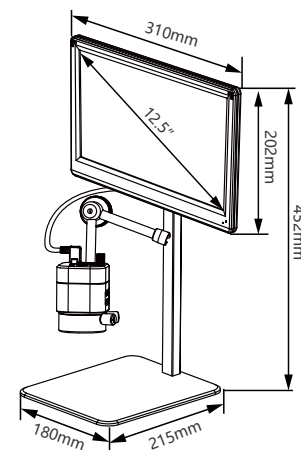
- Designed for convenient tabletop inspection
- Ultra-high dynamic range HDMI camera allows you to see more details
- 12.5 inch 1080P HD displayer with true color. Live image is displayed immediately upon startup
- Built-in multi-function image processing software
- Ergonomic design, 360° universal pivot bracket, hovering freely
- The rear focus mode extends the working distance, and the working distance supports 44~200mm
- Monitor angle can be finely adjusted, elevation angle is $\leq 135^\circ$, depression angle is $\leq 20^\circ$
- Lightweight and compact design, without complicated cables and accessories, easy to install and keep the table clean.



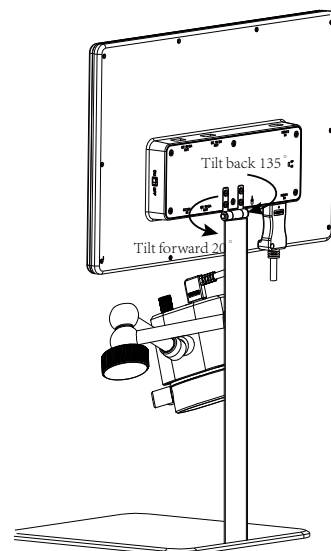
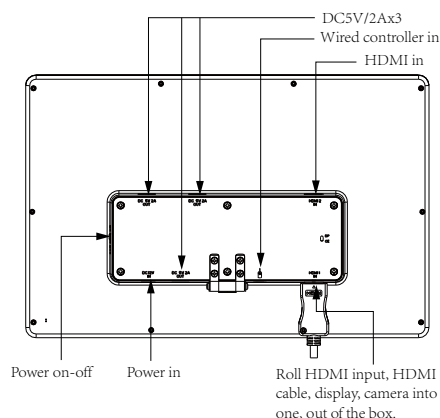
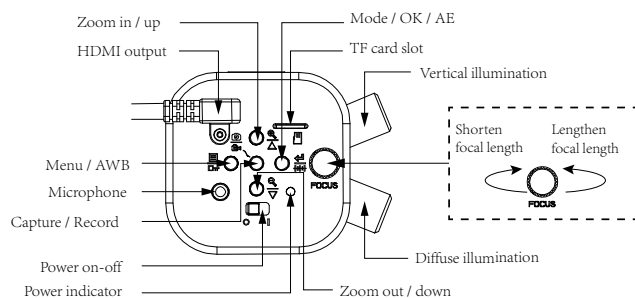
Specifications



Physical resolution	2.0 MP
Sensor model	Aptina AR0330 CMOS sensor
Highest resolution	1920 x 1080 (2,073,600)
Sensor size	1/2.8" (6.058mm(H) x 4.415mm(V))
Pixel size	2.9 μ m x 2.9 μ m
Dynamic Range	128dB
SNR	30dB
Spectral response	380~650nm
Exposure	Real-time auto, single auto, manual adjustment
White balance	Real-time auto, single auto, manual R G B adjustment
Preview resolution	Auto-adaptive display, up to 1920X1080P60
Record format	Image Capture Format: JPG Resolution: 1920x1080 Record Format: MOV Resolution: 1920x1080, P60
Record path	TF card (up to 128G)
Power supply	MiNi HDMI, DC5.0V / 1A
Working distance	44mm~200mm
Depth of field	0.8mm~7mm
Magnification	6x~39.4x((based on the standard 12.5-inch displayer actual measurement)
Scope of observation	7mmx4mm(at the highest magnification 39.4x) to 45.7mmx25.8mm(at the lowest magnification 6x)



Display parameters	
Panel size	12.5-inch
Panel type	a-Si TFT-LCD/IPS/Fog screen
Number of pixels	1920x1080
Display color	16.7M
Panel brightness	300 nits
Contrast	800:1
Viewing angle	Horizontal / vertical viewing angle: 170°



HDMI Digital Microscope (Type C)

Features

- Designed for convenient tabletop inspection
- Ultra-high dynamic range HDMI camera allows you to see more details
- Built-in multi-function image processing software
- Ergonomic design, 360° universal pivot bracket, hovering freely
- The rear focus mode extends the working distance, and the working distance supports 44~200mm
- Lightweight and compact design, without complicated cables and accessories, easy to install and keep the table clean.



Specifications

Physical resolution	2.0 MP
Sensor model	Aptina AR0330 CMOS sensor
Highest resolution	1920 x 1080 (2,073,600)
Sensor size	1/2.8" (6.058mm(H) x 4.415mm(V))
Pixel size	2.9 μm x 2.9 μm
Dynamic Range	128dB
SNR	30dB
Spectral response	380~650nm
Exposure	Real-time auto, single auto, manual adjustment
White balance	Real-time auto, single auto, manual R G B adjustment
Preview resolution	Auto-adaptive display, up to 1920X1080P60
Record format	Image Capture Format: JPG Resolution: 1920x1080 Record Format: MOV Resolution: 1920x1080, P60
Record path	TF card (up to 128G)
Power supply	MiNi HDMI, DC5.0V / 1A
Working distance	44mm~200mm
Depth of field	0.8mm~7mm
Magnification	6x~39.4x((based on the standard 12.5-inch displayer actual measurement)
Scope of observation	7mmx4mm(at the highest magnification 39.4x) to 45.7mmx25.8mm(at the lowest magnification 6x)

