

Feature

- Miniature size
- High sensitivity!
- High performance.
- Full HD image pixel
- Snapshot & Freeze function
- Camera parameter adjustable

OD	Cable length(max)	Note
5.0mm	15M	
3.5mm	10M	
2.5mm	4M	Heat dissipation cable
1.7mm	1M	Heat dissipation cable

Specification

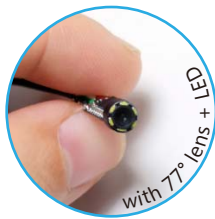
Model	TD-B31105	FTD-B31105	TD-B31105A	FTD-B31105A	TD-BL31105 (side view)	FTD-BL31105 (side view)	TD-B31105U (up view)	FTD-B31105U (up view)	TD-B31109R
Built-in microphone			Support	Support					
Snapshot & Freeze Function		Yes	Yes	Yes		Yes		Yes	
Camera parameter setting on smartphone	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Compatibility with wifi UHS-DC02E android stick	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimension(mm)	Ø4.9				4.9x13				Ø9.6
Max. frame rate	1920x1080 @ 15~30fps MJPEG 1280x720 ; 960x540 ; 848x480 640x480 ; 640x360 424x240 ; 320x240 ; 320x180 176x144 ; 160x120								
Pixel size	1.4 µm x 1.4 µm								
Image sensor	1/6" Digital CMOS Camera Module								
Image area	2.7288x1.5498mm								
Scan mode	progressive								
Sensitivity	553 mV/(Lux-sec)								
Dynamic range	73.3 dB @ 15.5x gain								
UVC format	MJPEG								
Storage temperature	-30 to 60 Degree C								
Working temperature	-10 to 45 Degree C								
Interface	USB 2.0 (Compliant with USB Video Class 1.1 standard)								
Built-in Lens (specify which lens)	1.83mm/F2.0 /F5.0 /8.0(77° lens-high depth of field lens-order in advance) 1.7mm/F4.0(93° lens) 1.523mm/F4.8(158° lens)								
View angle (order in advance)	H= 69°; V= 43°; D= 77° (77° lens) H=84°; V=53°; D=93° (93° lens) H=132°; V=65° ; D=158° (158° lens)								
LED	white LED x 6 (order in advance)								
Power source	DC 5V (USB)								
Power current	160mA								
Operating system	Windows XP, windows Vista, window 7, windows 8, windows 10, Linux, MAC OSX								

Model NO. Information

TD-V31105L-77



① CONNECTOR	② TYPE	③ CAMERA TYPE	④ LED	⑤ LENS
TD USB 2.0 A type TM Micro USB OTG B type TT USB type C TI Mini USB B type FTD USB 2.0 A type FTM Micro USB OTG B type FTT USB type C FTI Mini USB B type	B Board type VB Board type+dimmer T Tube type V Tube type+dimmer L Snake type (with LED light) BL Board type (side view) VBL Board type (side view)+dimmer	31105 color 311M5 B/W 31105A color(with MIC.) 311M5A B/W(with MIC.) 31109R Color(Round type+MIC.) 311M9R B/W(Round type+MIC.)	L white LED x 6 L8 IR 850nm LED x 6 L9 IR 940nm LED x 6	77 1.83mm/F2.0(77°) 77 1.83mm/F5.0/F8.0(77°) camera with LED 93 1.7mm/F4.0(93°) 158 1.523mm/F4.8(158°)
*FTD/ FTM /FTT/ FTI with snapshot & Freezing frame function		*TD-BL31105, TD-BL311M5 without Tube type *B31105, B31109R without side view type *1080p resolution sensor crop to VGA resolution for order in advance. (telescope type)	IR LED suggest to choose B/W type	77Y: Y: with Day&Night filter 93° Lens diameter is 4.95mm 158° Lens diameter is 6.25mm



Camera parameter adjustable

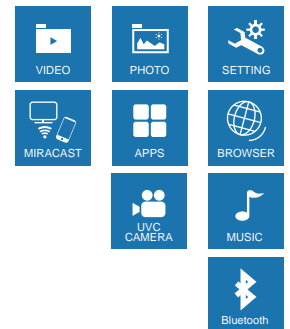
Camera parameter can be adjusted on the smartphone via the Misumi app.



- Brightness _____
- Gain _____
- Contrast _____
- Gamma _____
- White Balance _____
- Exposure time ABS _____
- Sharpness _____
- Backlight Compensation _____
- HUE _____
- Saturation _____
- Mirror _____
- Flip _____
- Frame rate _____ **30fps**
- Resolution **1920x1080**

Other information

WiFi 1080p Remote Control UVC Android Stick
► UHS-DC02E



Connecting with UHS-DC02E

UHS-DC02E support 1080p resolution camera and user can adjust camera parameter according to different environment.

- Brightness _____
- Gain _____
- Contrast _____
- Gamma _____
- White Balance _____
- Exposure time ABS _____
- Sharpness _____
- Backlight Compensation _____
- HUE _____
- Saturation _____
- Mirror _____
- Flip _____
- Frame rate _____ **30fps**
- Resolution **1920x1080**



HDMI TV



android phone