

Feature

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

Specification

Model	TD-B31105	FTD-B31105	TD-BL31105 (side view)	FTD-BL31105 (side view)	TD-B31105U (up view)	FTD-B31105U (up view)	TD-B31109R
Snapshot & Freeze Function		Yes		Yes		Yes	
Camera parameter setting on smartphone	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Compatibility with wifi UHS-DC02E android stick	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimension(mm)	Ø4.9		4.9x13		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	1.83mm/F2.0(ordering in advance)						
View angle	H= 69degree 41'; V= 43degree 9'; D= 77degree 23'						
LED	white LED x 6 (ordering 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		②		③		④		⑤	
TD	USB 2.0 A type	B	Board type (module)	31105	color	L	white LED x 6	77	1.83mm/F2.0(77°)
TM	Micro USB OTG B type	VB	Board type (module)+ dimmer function	311M5	B/W	L8	IR 850nm LED x 6	77	1.83mm/F5.0(77°) camera with LED
TT	USB type C	T	Tube type	31109R	Color(Round type)	L9	IR 940nm LED x 6	77Y	1.83mm/F2.0(77°)
FTD	USB 2.0 A type	V	Tube type+dimmer function	311M9R	B/W(Round type)			93	1.7mm/F4.0(93°)
FTM	Micro USB OTG B type	L	Snake type (with LED light)					158	1.523mm/F4.8(158°)
FTT	USB type C	BL	Board type (module-side view)						
*GPIO pin(snapshot & freeze) FTD , FTM , FTT series				<ul style="list-style-type: none"> TD-BL31105, TD-BL311M5 without Tube type B31105, B31109R without side view type 1080p resolution sensor crop to VGA resolution for ordering in advance. (telescope type) 		with IR 850nm IR 940nm 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

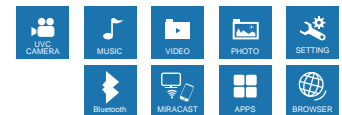
Camera parameter can be adjusted on the smartphone via the Misumi app.

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



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.

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HDMI TV



android phone