
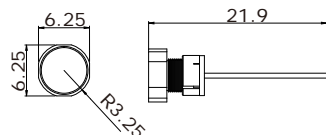

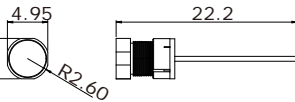

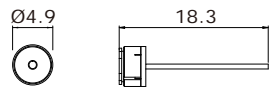
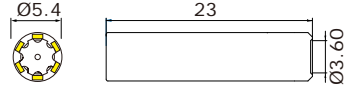

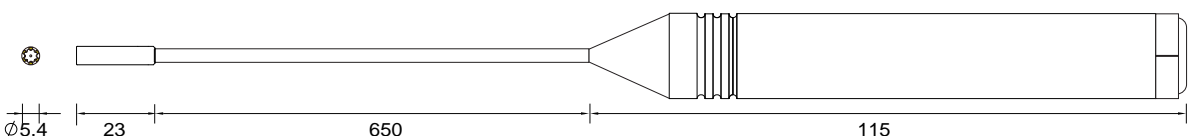



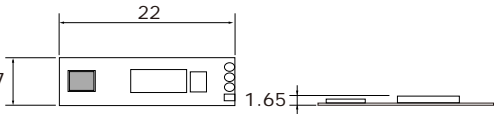
XX-B31105 (Module Type/front view)

	<p>(158° lens)</p>  <p>6.25, 6.25, R3.25, 21.9</p>		<p>(93° lens)</p>  <p>4.95, 4.95, R2.60, 22.2</p>
	<p>(77° lens)</p>  <p>Ø4.9, 18.3</p>		<p>Tube(77° lens)</p>  <p>Ø5.4, 23, Ø3.60</p> <p>UNIT:±0.5mm</p>


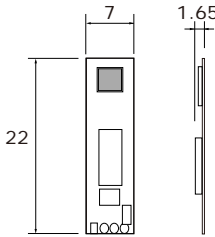
XX-L31105 (Snake Type/front view)


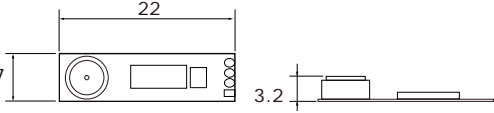
	<p>(77° lens)</p>  <p>Ø5.4, 23, 650, 115</p> <p>UNIT:±0.5mm</p>
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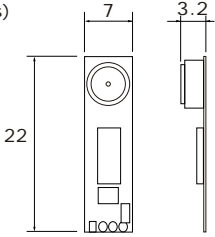
XX-BL31107 (Module Type/side view)

	 <p>22, 7, 1.65</p>
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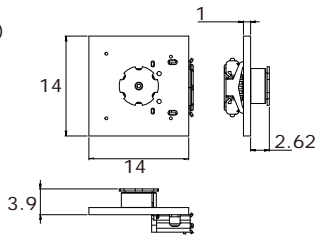
XX-B31107U (Module Type/up view)

	 <p>7, 1.65, 22</p>
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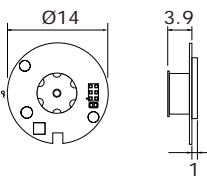
	<p>(77° lens)</p>  <p>22, 7, 3.2</p>
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	<p>(77° lens)</p>  <p>7, 3.2, 22</p> <p>UNIT:±0.5mm</p>
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XX-B31114 (Module Type)

	<p>(77° lens)</p>  <p>14, 14, 1, 2.62, 3.9</p>
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XX-B31114R (Module Type)

	 <p>Ø14, 3.9, 1</p> <p>UNIT:±0.5mm</p>
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Specification

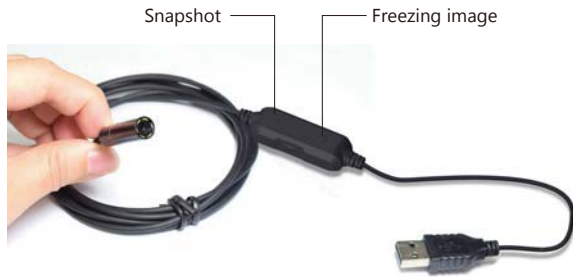
Model	MD-B31105	FD-B31105	MD-BL31107	MD-B31107U	MD-B31114R	FD-B31114
Built-in microphone				Yes	Yes	
Snapshot & Freeze Function		Yes				Yes
Camera parameter setting on smartphone	Yes	Yes	Yes	Yes	Yes	Yes
Compatibility with wifi UHS-DC02E android stick	Yes	Yes	Yes	Yes	Yes	Yes
Dimension(mm)	Ø4.9		7x22		Ø14	14x14
Max. frame rate	1920x1080 @ 15~30fps MJPEG/ 5fps YUV 1280x720@ 15~30fps MJPEG/ 10fps YUV 960x540; 848x480@15~30fps MJPEG/ 20fps YUV 640x480; 640x360; 424x240;320x240; 320x180; 176x144; 160x120@15~30fps MJPEG; 30fps YUV					
Pixel size	1.4 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, YUV					
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 when ordering					
View angle	specify when ordering					
LED	specify when ordering					
Power source	DC 5V (USB)					
Power current	NO LED / 160mA with LED 6pcs / 190mA					
Operating system	Windows XP, windows Vista, window 7, windows 8, windows 10, Linux, MAC OSX					

MD-V31105L-77



① CONNECTOR		② TYPE		③ CAMERA TYPE		④ LED		⑤ LENS	
MD	USB 2.0 A type	B	Board type (module)	31105	color	L	white LED x 6	77	1.83mm/F2.0(77°)
MM	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
MT	USB type C	T	Tube type	31107	color	L9	IR 940nm LED x 6	77Y	1.83mm/F2.0(77°)
MI	Mini USB B type	V	Tube type+dimmer function	311M7	B/W			93	1.5mm/F5.7(93°)
FD	USB 2.0 A type	L	Snake type (with LED light)	31114R	color(round type)			158	1.523mm/F4.8(158°)
FM	Micro USB OTG B type	BL	Board type (module-side view)	31114	color(square type)				
FT	USB type C	VBL	Board type (module-side view with LED light)						
FI	Mini USB B type								
<ul style="list-style-type: none"> ■ snapshot & freeze frame FD, FM, FT, FI series 				<ul style="list-style-type: none"> ■ MD-BL31107, MD-B31107U, MD-B31114, without Tube type ■ 1080p resolution sensor crop to VGA resolution for ordering in advance. (telescope type) 		IR 850nm or IR 940nm LED suggest to choose B/W		77Y : with Day&Night filter 93° Lens diameter is 4.95mm 158° Lens diameter is 6.25mm	

FD-V31105L



Tube type



Board type



Board type with LED



FD-L31105



4 types connector - order in advance



USB A type



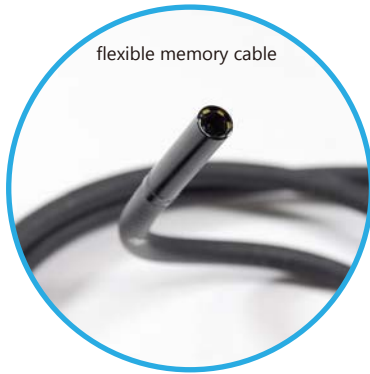
Mini USB B type



Micro USB B type



USB type C



flexible memory cable

Digital ZOOM function



LED Dimmer
snapshot & Freeze



Camera parameter adjustable

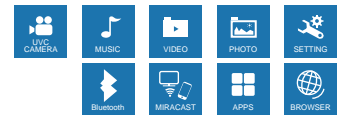
Camera parameter can be adjusted on the smartphone via the Misumi app.

- Brightness ✨
- Gain ↗
- Contrast ●
- Gamma γ
- 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 γ
- White Balance 🌈
- Exposure time ABS 📷
- Sharpness ✨
- Backlight Compensation 📷
- HUE 🌈
- Saturation ○
- Mirror ▲
- Flip ▶
- Frame rate 📷 30fps
- Resolution 📷 1920x1080



HDMI TV



android phone