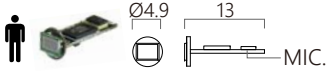
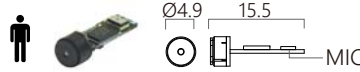



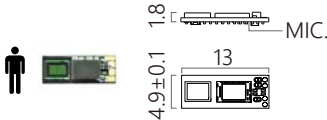
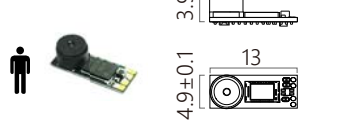



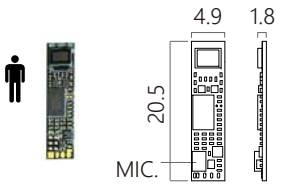
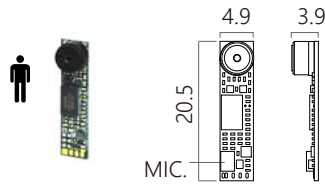
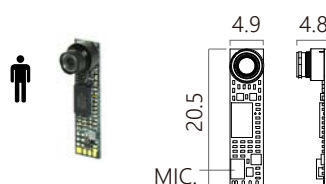
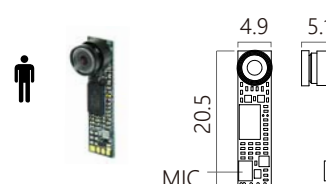
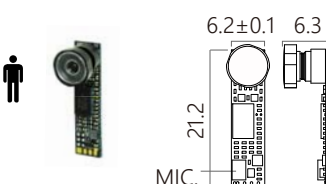
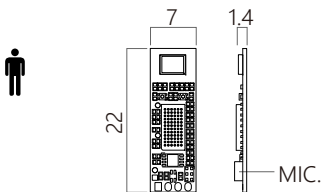
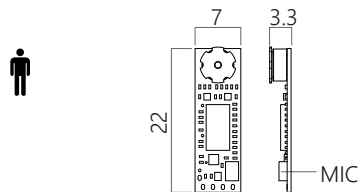
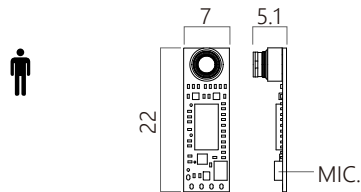
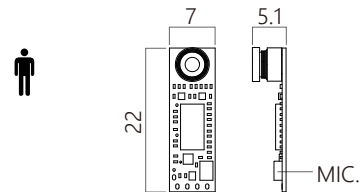
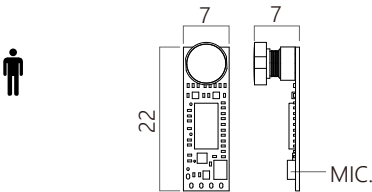


CCIQ II COLOR CAMERA

<p>Model: TD-B31105A built-in microphone, no lens</p> 	<p>Model: TD-B31105A-77 built-in microphone, 77° lens</p> 	<p>Model: TD-B31105A-88 built-in microphone, 88° lens</p> 	<p>Model: TD-B31105A-93 built-in microphone, 93° lens</p> 	<p>Model: TD-B31105A-158 built-in microphone, 158° lens</p> 
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<p>Model: TD-BL31105A external mic., side view, no lens</p> 	<p>Model: TD-BL31105A-77 external mic., side view, 77° lens</p> 	<p>Model: TD-BL31105A-88 external mic., side view, 88° lens</p> 	<p>Model: TD-BL31105A-93 external mic., side view, 93° lens</p> 	<p>Model: TD-BL31105A-158 external mic., side view, 158° lens</p> 
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<p>Model: TD-B31105UA built-in microphone, no lens</p> 	<p>Model: TD-B31105UA-77 built-in microphone, 77° lens</p> 	<p>Model: TD-B31105UA-88 built-in microphone, 88° lens</p> 	<p>Model: TD-B31105UA-93 built-in microphone, 93° lens</p> 	<p>Model: TD-B31105UA-158 built-in microphone, 158° lens</p> 
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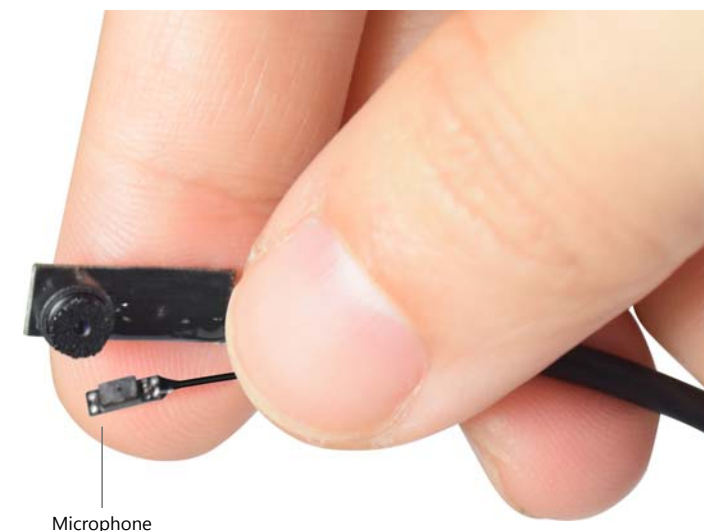
<p>Model: MD-B31107UA built-in microphone, no lens</p> 	<p>Model: MD-B31107UA-77 built-in microphone, 77° lens</p> 	<p>Model: MD-B31107UA-88 built-in microphone, 88° lens</p> 	<p>Model: MD-B31107UA-93 built-in microphone, 93° lens</p> 	<p>Model: MD-B31107UA-158 built-in microphone, 158° lens</p> 
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Model	Dimension(mm)	Microphone	Camera type	Sensor type	Pixel size(μm)	Interface
TD-B31105A	Ø4.9 x 13	Built-in	T type / front view	1/6" CMOS color	1.4 x 1.4	USB 2.0
TD-BL31105A	4.9 x 13	External	BL type / left side view	1/6" CMOS color	1.4 x 1.4	USB 2.0
TD-B31105UA	4.9 x 20.5	Built-in	U type / up view	1/6" CMOS color	1.4 x 1.4	USB 2.0
MD-B31107UA	7 x 22	Built-in	U type / up view	1/6" CMOS color	1.4 x 1.4	USB 2.0

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
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 which lens)	1.83mm/ F2.0/ 5.0/ 8.0 (77° lens-high depth of field lens-specify in advance) 1.55mm/ F5.7/ 8.0/ 10 (88° lens-high depth of field lens-specify in advance) 1.5mm/ F4.0/ F5.7(93° lens-specify in advance) 1.523mm/ F4.8/ 6.0/ 8.0 (158° lens-high depth of field lens-specify in advance)
View angle	H= 69°; V= 43°; D= 77° (77° lens) H=81°90';V=50°18';D=92°82' (93° lens) H=48.4°; V=78.3°; D=86.8° (88° lens) H=132°; V=65° ; D=158° (158° lens)
LED	white LED x 6 (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

Feature

- 1080p high-resolution and outstanding quality
- Microphone cable length up to 5M
- Miniature size and high resolution is preferred for security application
- Mini size cameras can monitor home or office as a security camera.



MINI
Miniature Size

1080p
Resolution

MIC.
Built-in

77°
View Angle

88°
View Angle

93°
View Angle

158°
View Angle