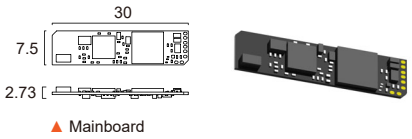
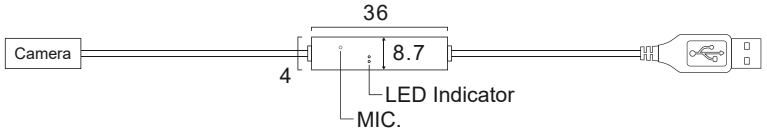
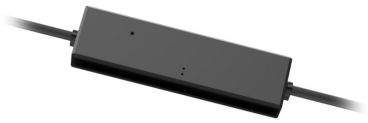
Unit: ± 0.5 mm

Feature

- 480p VGA Resolution.
- High Performance.
- Mini Size.
- Bluetooth 5.0







Specification

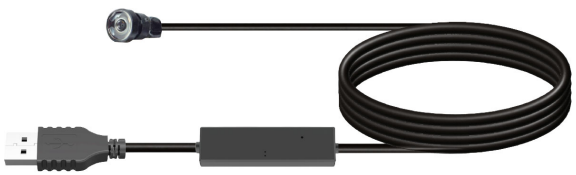
Series	311	246	660
Image Sensor	1/6" CMOS	1/7.25" CMOS	1/2.7" CMOS
Pixel Size (μm)	1.4 x 1.4	1.116 × 1.116	3.0 x 3.0
Image Area (mm)	2.72 x 1.54	2.14 × 1.21	5.76 × 3.24
Sensitivity (Lux-sec)	553 mV	4240 e^-	3900 mV
Dynamic Range	73.3 dB	72.2 dB	73 dB
Display	Color		
Frame Rate (Max.)	640 x 480 @ 30 fps VGA / 1280 x 720 @ 15 fps		
Power Source	DC 3.3~5V		
Power Current	160 mA		
Storage Temperature	-30 to 60 Degree C		
Working Temperature	-10 to 45 Degree C		
Bluetooth	5.0		
Operation Range	Up to 10 Meters		
Radio	RF		
Frequency	2.4		
Video Compression	H.264		
App	Android (Metacam)		

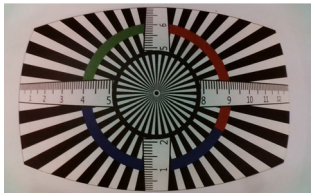
Miniature camera with a Bluetooth function, which is the most innovative miniature wireless camera.

With 720P resolution, enhanced night vision, the camera can be used anytime and anywhere to record video for helping improve the security of homes, offices, stores, rooms, and warehouses.

H.264 Video Format | Low Light | RF Wireless | 5.0 Bluetooth

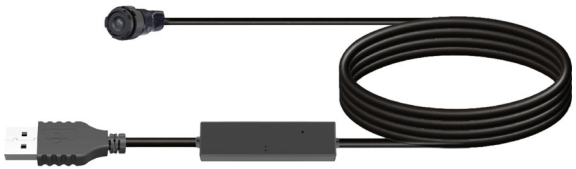
B31105 (158°) Board Type

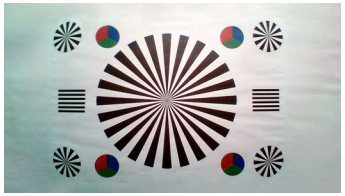




158° Wide Angle (B31105)

B24604 (120°) Board Type

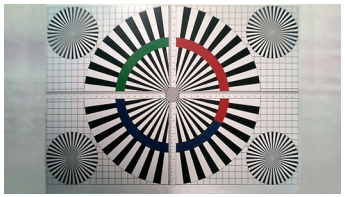




120° Wide Angle (B24604)

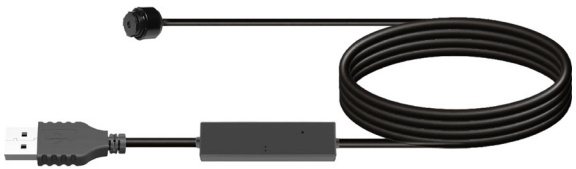
R24631UA (88°) Button & Screw

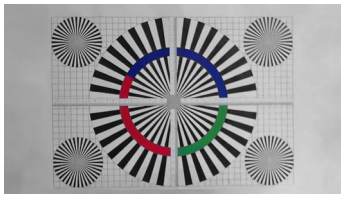




88° Wide Angle (R24631UA)

B66008R (72°) Board Type

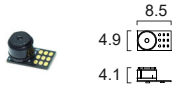
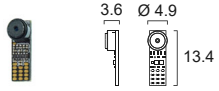
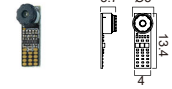
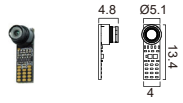
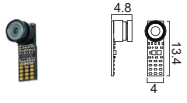
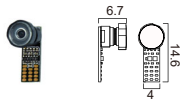
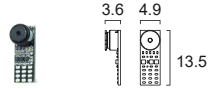
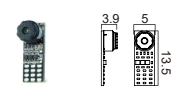
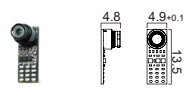
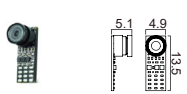
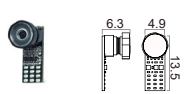
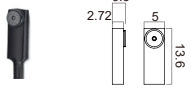
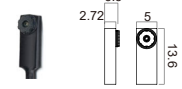
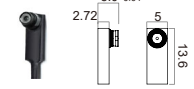
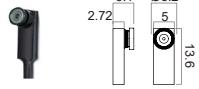
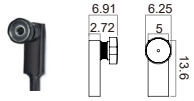




72° Wide Angle (B66008R)

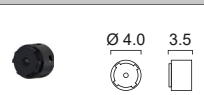
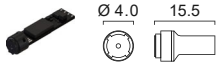
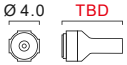
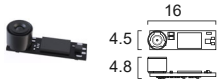
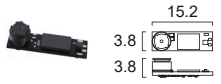
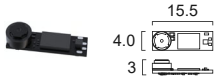
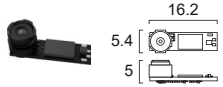
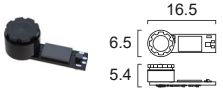
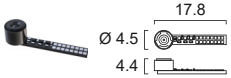
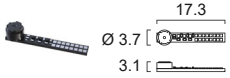
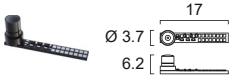
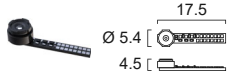
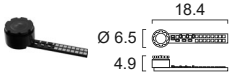
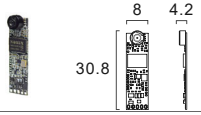
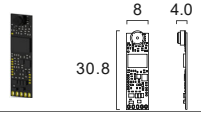
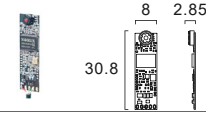
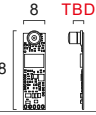
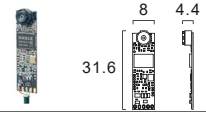
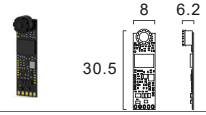
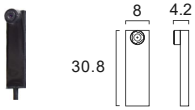
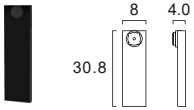
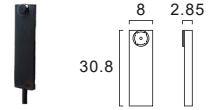
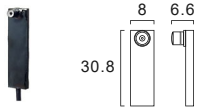
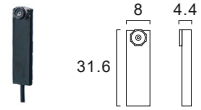
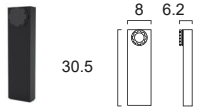
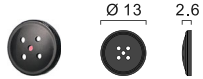
Unit: ± 0.5 mm

311 Series

Lens	77	88M	88	93	158
BL31105 Side View Board Type					
SL31105 Side View Forming Type					
BL31105S Side View Board Type					
SL31105S Side View Forming Type					
BL31103 Side View Board Type					
B31104U Up View Board Type					
B31105U Up View Board Type					
S31105U Front View Forming Type					
B31105 Front View Board Type					
B31106R Front View Board Type					

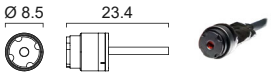
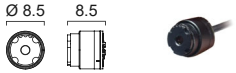
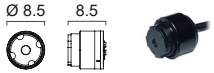
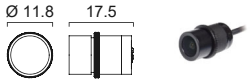
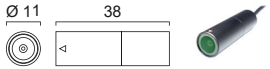
Unit: ± 0.5 mm

246 Series

Lens	55	83	88	95	120	139
B24604 Front View Board Type						
B24604 Front View Board Type					Coming Soon 	
BL24604 Side View Board Type				Coming Soon		
BL24602S Side View Board Type						
B24608SU Side View Board Type				Coming Soon 		
S24608SU Side View Forming Type						
R24631UA Up View Button & Screw	N/A	N/A		N/A	N/A	N/A

Unit: ± 0.5 mm

660 Series

Lens	64	72	120
B66008 Front View Board Type		Coming Soon	Coming Soon
B66008R Front View Board Type			
T66011 Front View Tube Type	Coming Soon	Coming Soon	

Cable Table

Section One (Max. 15 Pin)

OD (mm)	Length (cm)	Series
1.5 AWG#38 EN-13C	10~100	All Series
1.7 AWG#36 EN-13C		
1.9 AWG#36 EN-15C		
2.8 AWG#32 EN-15C		



Use messaging software to screen share real-time streaming video !
Share your screen with other participants during voice and video calls.

Unit: ± 0.5 mm

Preview image

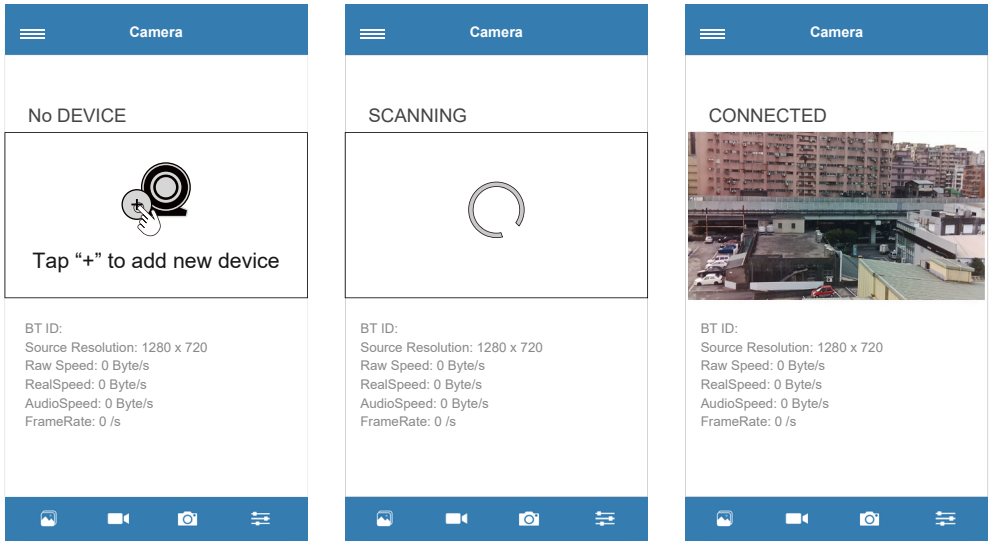
- Compatible with devices that are bluetooth 5.0 or higher
- Only compatible with Android devices
- Link to download Metacam app
  https://www.misumi.com.tw/Download/ble_Metacam_App_android_v.1.1.2.apk
- Before using this app, please turn on device location services (GPS).
- And ensure your phone's Bluetooth is not paired with any other camera.

Metacam App

(Android)

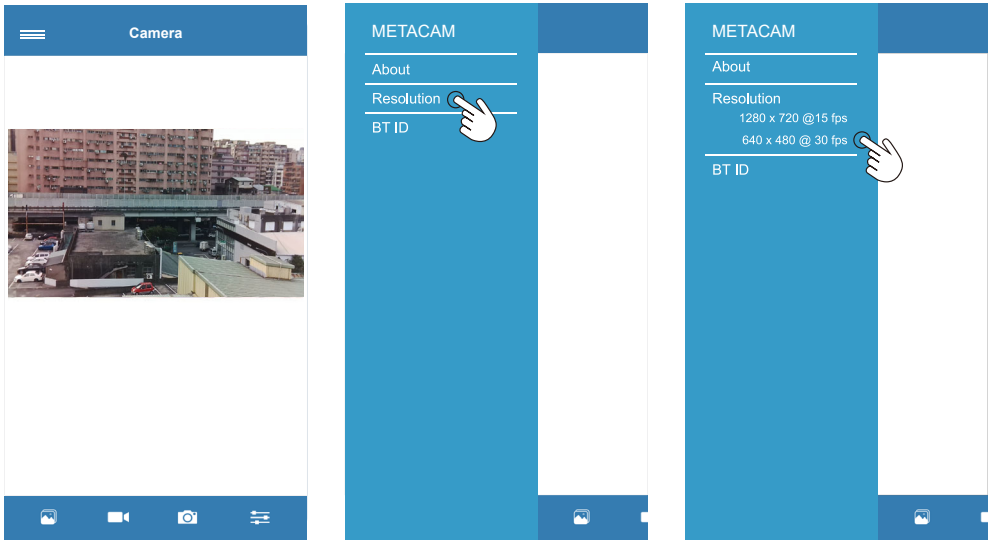
1. Download and install the APP first.

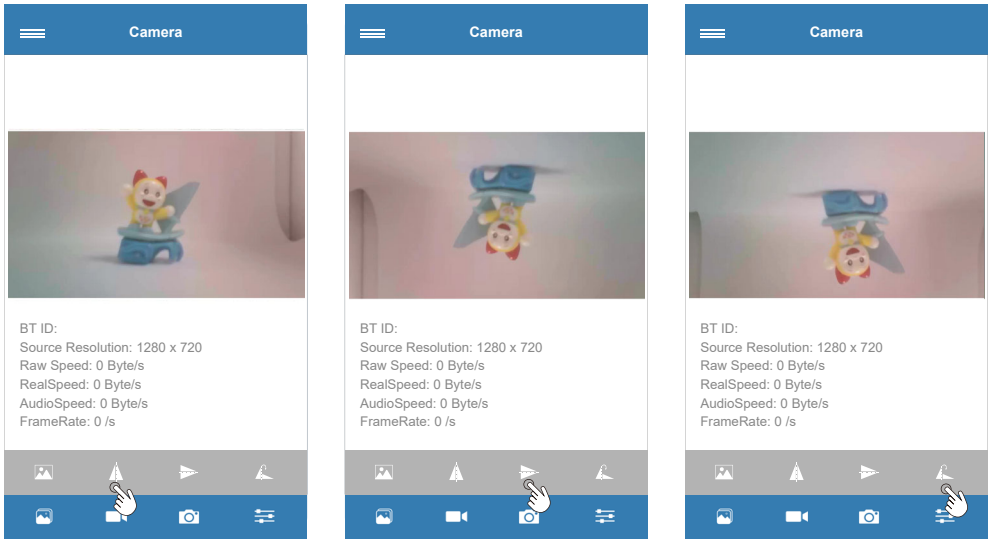
2. Power Connection.
Turn on the Bluetooth function on your mobile phone, then open the APP and tap "+" to add a new device for connection.
Camera module will power on automatically.
Following are the operation screens:



Note: The camera module main part with microphone built-in.
After the connection screen is opened, sound will be heard from the mobile phone.

3.Resolution Settings





Vertical Flip | Horizontal Flip | Vertical + Horizontal Flip

Unit: ± 0.5 mm

BXT-B31105LH-77

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	LED	LENS
Wireless BX RF 2.4 GHz (Low Temp.)	**Power Input** D Type A M Micro-B (OTG) T Type C H JST PH 1.0	**Front View** (V)B Board Type T Tube Type V Tube Type **Side View** (V)BL Board Type (V)SL Forming Type TL Tube Type VL Tube Type **Up View** (V)B Board Type T Tube Type V Tube Type R Button Screw *V Dimmer Controller	Front View Color / B/W 31105 / 311M5 31106R / 311M6R 24604 / 246M4 66008 / 660M8 66008R / 660M8R Side View Color / B/W 31103 / 311M3 31105S / 311M5S 24604 / 246M4 24602S / 246M2S Up View Color / B/W 31104U / 311M4U 31105U / 311M5U 24608SU / 246M8SU 24625UA / 246M25UA 24631UA / 246M31UA * R Round Shape * S Single Board	N/A None **White** L Normal LH High-Intensity **Infrared** L9 IR 940 nm L8 IR 850 nm	**311 (1/6" CMOS)** 77 1.83 mm / F 2.0 (77°) 1.83 mm / F 5.0 (77°) 1.83 mm / F 8.0 (77°) 88 1.55 mm / F 5.7 (88°) 88M 1.86 mm / F 4.0 (88°) 1.86 mm / F 5.0 (88°) 1.86 mm / F 6.0 (88°) 93 1.50 mm / F 4.0 (93°) 1.50 mm / F 5.7 (93°) 158 1.523 mm / F 4.8 (158°) 1.523 mm / F 6.0 (158°) 1.523 mm / F 8.0 (158°) **246 (1/7.25" CMOS)** 55 2.34 mm / F 4.7 (55°) 2.34 mm / F 2.2 (55°) 88 1.25 mm / F 4.7 (88°) 1.25 mm / F 2.2 (88°) 95 1.06 mm / F 4.5 (95°) 120 0.94 mm / F 4.5 (120°) 139 0.77 mm / F 4.0 (139°) 0.77 mm / F 2.4 (139°) **660 (1/4" CMOS)** 64 5.2 mm / F 2.8 (64°) 72 4.52 mm / F 2.8 (72°) 94 3.18 mm / F 2.2 (94°) 118 2.4 mm / F 2.6 (118°) 120 3.65 mm / F 2.0 (120°)

* IR 940nm or IR 850nm LED is suggested to choose B/W camera type.
* Camera with LED light source is suggested to use lens with larger F-Stop number.
* Camera appearance or other requirements are applicable for customization.