Unit: ± 0.5 mm

Feature

- Mini Size
- Global shutter.
- Outstanding quality.

Global Shutter

Specification

* Simulation frame rate synchronize output and 3D stereogram specification (request while place order).

Model No.	B661A14R	B661B14R	B661A14	B661B14	BL661A07	BL661B07	BL661A14	BL661B14
CRA	28°	0°	28°	0°	28°	0°	28°	0°
Series	T		T U		X Y		X Y	
Dimensions (mm)	Ø 14		Ø 14 x 15		7.3 x 19		14 x 14	
Orientation	Front View				Side View			
Camera Type	Board Type							
Video Format	MJPEG / YUV							
Image Sensor	1/2.7" Color CMOS Camera Module							
Resolution	Please Check Additional Information Table							
Pixel Size (um)	3.0 x 3.0							
Image Area (mm)	5.76 x 3.24							
Sensitivity (Lux.Sec)	3.1 V							
Dynamic Range	71.4 dB							
S/N Ratio	38 dB							
Scan Mode	Progressive							
Shutter	Global							
Lens	Please Check Model Information Table							
View Angle	Please Check Model Information Table							
Focus Distance (mm)	Infinity							
LED	N/A (Optional)							
Storage Temp.	-30 to 60 Degree C							
Working Temp.	-10 to 60 Degree C							
Interface	USB 2.0 / USB 3.0							
Power Supply	DC 5 V							
Power Current	TBD mA							
Microphone	N/A							
Operation System	Win XP, Win Vista, Win 7, Win 8, Win 10 Linux, MAC OSX							

* Working temperature means the camera device, not environment temperature.

B661A(B)14R No Lens



T

B661A(B)14 No Lens



T U

B661A(B)07 No Lens



X Y

BL661A(B)14 No Lens



X Y

Resolution Information

	USB 2.0		USB 3.0
	MJPG	YUV	MJPG / YUV
1920 x 1080	30~60 fps	5 fps	30~60 fps
1280 x 960		5 fps	
1280 x 720		10 fps	
800 x 600		20 fps	
640 x 480		30 fps	

Global Shutter



Means that all pixels of the array are exposed simultaneously.

Advantage

- No Distortion of straight lines with fast-moving objects
- No limit on flash sync speed

Disadvantage

- Higher noise levels
- Lower frame rates
- Lower dynamic range

Rolling Shutter



Means that adjacent rows of the array are exposed at slightly different times as the readout 'waves' sweep through each half of the sensor.

Advantage

- Lower noise levels
- Higher frame rates
- Higher dynamic range

Disadvantage

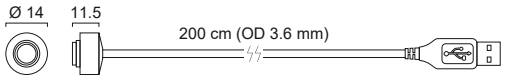
- May cause image distortion of moving objects
- Limited flash sync speed

Unit: ± 0.5 mm

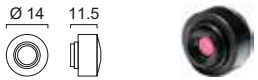
B661A(B)14R



▲ TD-B661A14R-78



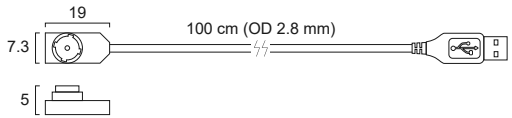
B661A14R-78 (78°)



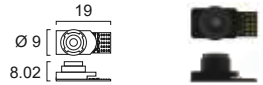
BL661A(B)07 / ZL661A(B)07



▲ YD-ZL661A07-72



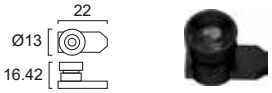
BL661A07-78 (78°)



ZL661A07-78 (78°)



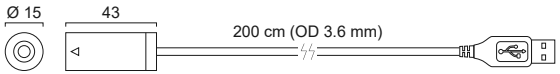
ZL661A07-92 (92°)



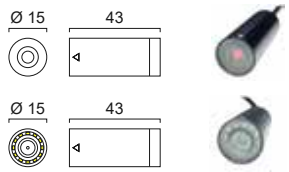
B661A(B)14 / T661A(B)15



▲ UD-T661A15-72

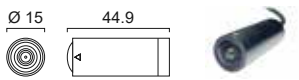


T661A15-78 (78°)



with LED

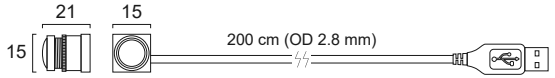
T661A15-108 (108°)



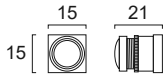
BL661A(B)14 / SL661A(B)15

Coming Soon

▲ XD-SL661A15-128



SL661A15-128 (128°)

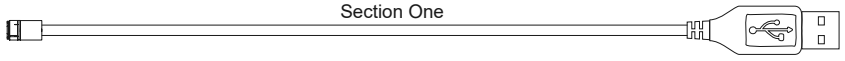


Coming Soon

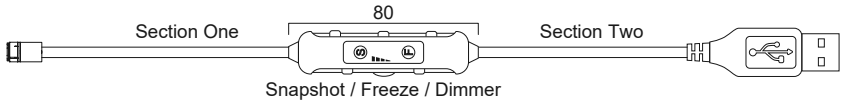
Unit: ± 0.5 mm

CABLE Please check cable information for Section One and Section Two.

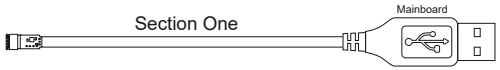
Y



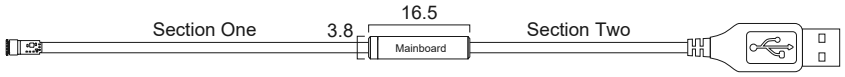
FY



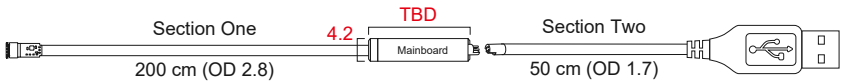
X



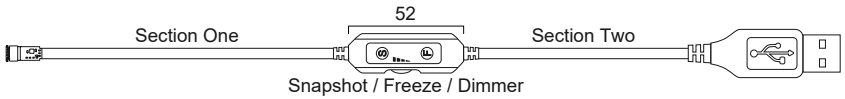
Mainboard assembled in connector when cable length is within 500 cm.



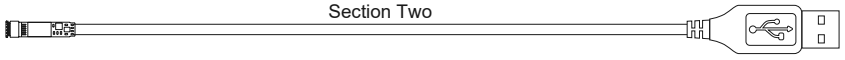
Mainboard assembled in between camera head and connector when cable length is more than 500 cm.



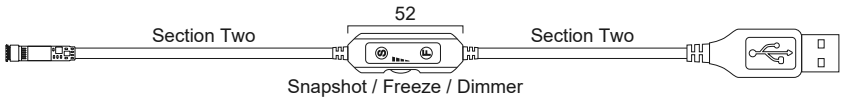
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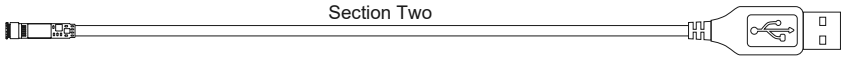
U



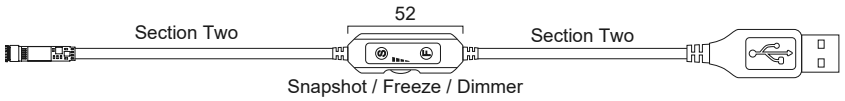
FU



T



FT



Section One (Max. 15 Pin)

OD (mm)	Length (cm)	Series
1.9 #36 x 15C	10~80	Y X
2.8 #32 x 15C	10~130	
3.1 #36 x 17C	10~300	
3.8 #30 x 15C	10~350	

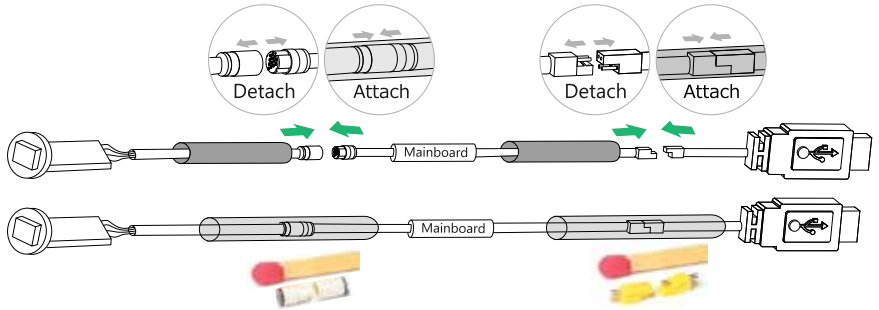
Section Two (Max. 7 Pin)

OD (mm)	Length (cm)	Series
0.35 Enameled Wires	40~15	U T
0.9 #42 x 9C	10~200	
1.4 #28 x 4C	10~1000	
1.4 #30 x 4C	10~600	
1.6 #28 x 4C	10~1000	
1.7 #36 x 9C	10~200	
2.8 #30 x 7C	10~400	
3.6 #28 x 7C	10~1000	
3.6 #28 x 11C	10~250	Y X
5.0 #24 x 9C	10~1500	T
6.2 #28 x 11C	10~200	Y X

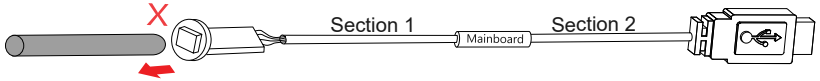
Detachable Nano Connectors *(Customize Option)*

Specifically designed to overcome the big size of connector and camera head.

With detachable Nano connectors,
a tube can go through the thin cable from halfway.

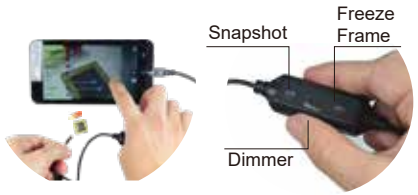


Without detachable Nano connectors,
camera head cannot go through the tube.



★ Each segment can be modified by customer request.

Unit: ± 0.5 mm





• Linux
• Windows

• MAC

• Android
• Windows

All MISUMI UVC Camera are Compatible With MP-WF580KP (WiFi DVR)

For example:
Our extremely lightweight 1920 x1080 (1080p) 1/6" CMOS UVC glasses camera is compatible with MP-WF580KP (WiFi DVR).

Supports H.264 video format input, loop recording, snapshot functions.
Supports max memory 128 GB (micro SD).

Users can view live streaming video via a smartphone.



Omni-Viewer Android iOS AMCAP

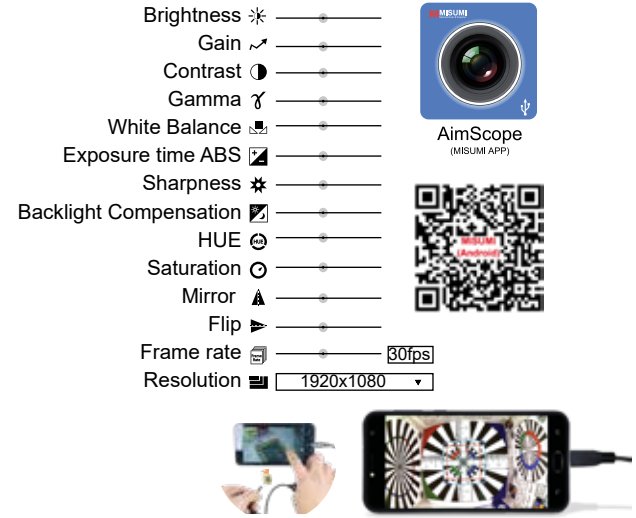


▲MP-WF580KP

About MP-WF580KP:
It deliver the best 1080p live streaming performance when using H.264 camera.
MJPEG cameras can only live stream at resolutions of 720p and below.
MJPEG cameras delivers the best live streaming performance at 640 x 480.

Camera Parameter Adjustable (MISUMI APP)

Camera parameter can be adjusted on the smartphone via the Misumi app and PC viewer software AMCAP.



NOTE: MISUMI APP does not support Android 10.

FUD-VB661A14LH-108

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	LENS
USB 3.0 (F)U Advance (F)Y Low Temp. **USB 2.0** (F)X Low Temp. (F)T Advance *F Snapshot and Freeze Frame	**UVC (USB)** D Type A T Type C E TE Industrial Mini I/O Type II (2040008-2) (USB 2.0 Only)	**Front View** (V)B Board Type T Tube Type V Tube Type **Side View** (V)BL Board Type (V)EBL Board Type (V)EBR Board Type (V)SL Forming Type (V)ZL Slim Forming Type *V Dimmer Controller *E Triple Lenses *L Left View *R Right View	Front View Color / B/W / Dimensions 661A(B)14R / 661A(B)M14R / Ø 14 (T) 661A(B)14 / 661A(B)M14 / Ø 14 x 15 (T / U) Side View Color / B/W / Dimensions 661A(B)07 / 661A(B)M7 / 7.3 x 19 (X / Y) 661A(B)14 / 661A(B)M14 / 14 x 14 (X / Y) *R Round Shape *A Chief Ray Angle 28° *B Chief Ray Angle 0°	N/A None	N/A None **White** L Normal LH High-Intensity **Infrared** L9 IR 940 nm L8 IR 850 nm	Code / Specification / View Angle 108 / 2.4 mm / F 2.6 / 108° 92 / 3.18 mm / F 2.8 / 92° 78 / 3.96 mm / F 1.8 / 78° 72 / 4.52 mm / F 2.8 / 72° 57 / 6.0 mm / F 2.2 / 57° 55 / 6.3 mm / F 2.5 / 55°

* 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.
* TE Industrial Mini I/O Type II connector does not support USB 3.0 output.

Connector Information



USB Type A | USB Type C | TE Industrial Mini I/O Type II (2040008-2) (USB 2.0 Only)

Unit: ± 0.5 mm

Customize



▲ YT-EB6000-(xx)

