Unit: ± 0.5 mm

Feature

- Miniature size.
- Outstanding quality.
- VGA image pixel.

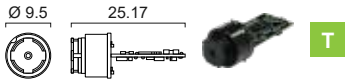
B66008R (No Lens)



B66008 (No Lens)



B66009 (72°)



B66009R (No Lens)



B660A28 (No Lens)



Specification

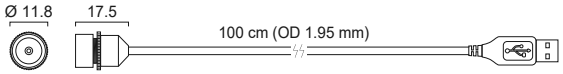
Model No.	B66008R	B66008	B66009	B66009R	B660A28
Series	X	H	T	T	M
Dimensions (mm)	Ø 8.16 x 1.92	Ø 8.16 x 16.14	Ø 9.5 x 25.17	Ø 9.6 x 2.06	28 x 28
Orientation	Front View				
Camera Type	Board Type				
Video Format	MJPEG / YUV	H.264		MJPEG / YUV	
Image Sensor	1/2.7" Color CMOS Camera Module				
Resolution	1920 x 1080 @ 30 fps MJPEG / H.264; 5 fps YUV				
Pixel Size (um)	3.0 x 3.0				
Image Area (mm)	5.76 x 3.24				
Sensitivity (Lux.Sec)	3900 mV				
Dynamic Range	73 dB				
S/N Ratio	38 dB				
Scan Mode	Progressive				
Shutter	Rolling				
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				
Power Supply	DC 5 V				
Power Current	220 mA (Max.)				
Microphone	N/A (External Optional)				N/A (Built-In Optional)
Operation System	Win XP, Win Vista, Win 7, Win 8, Win 10 Linux, MAC OSX				

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

B66008R / B66008



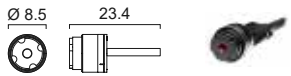
▲ XD-B66008R-120



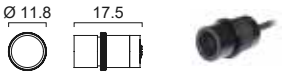
B66008R-64 (64°)



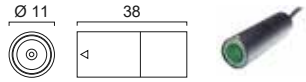
B66008-64 (64°)



B66008R-120 (120°)



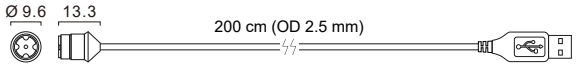
T66011-120 (120°)



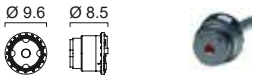
B66009R



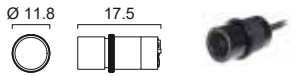
▲ TD-B66009R-64



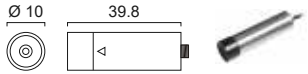
B66009R-64 (64°)



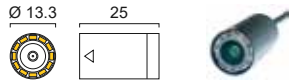
B66009R-120 (120°)



T66010-120 (120°)

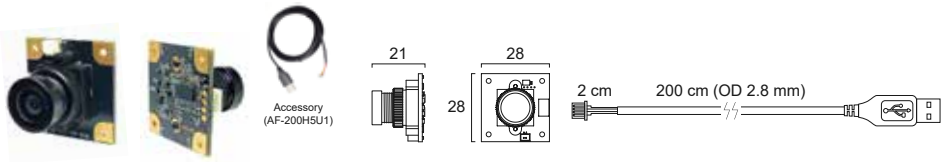


T660M13L8-120 (120°)



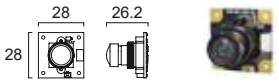
Unit: ± 0.5 mm

B660A28

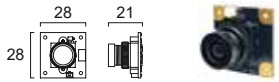


▲ MD-B660A28-121

B660A28-118 (118°)



B660A28-121 (121°)



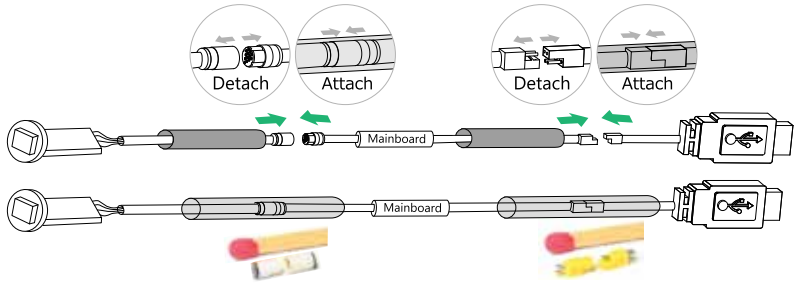
B660A28-160 (160°)



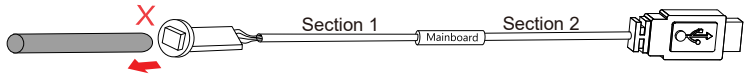
Detachable Nano Connectors *(Customize Option)*

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.

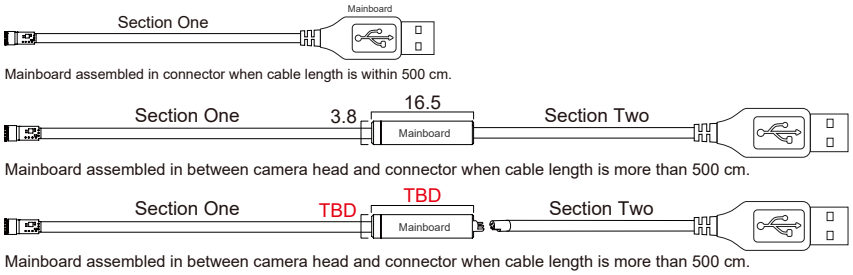


★ Each segment can be modified by customer request.

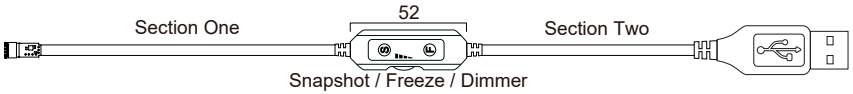
CABLE

Please check cable information for Section One and Section Two.

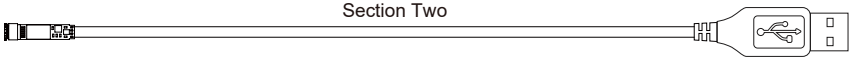
X



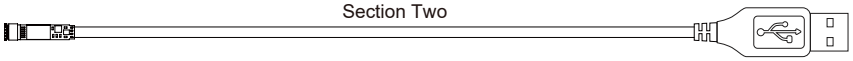
FX



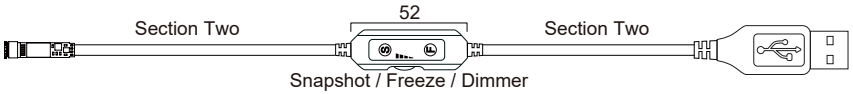
H



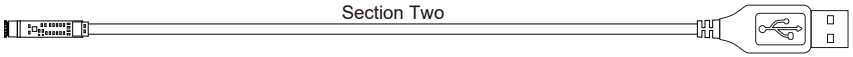
T



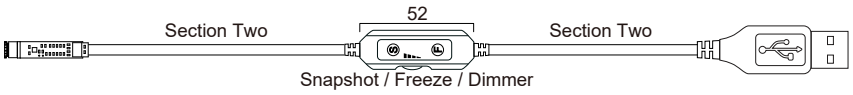
FT



M



FM



Section One (Max. 15 Pin)

OD (mm)		Length (cm)	Series
1.9	#36 x 15C	10~55	X
2.8	#32 x 15C	10~60	
3.8	#30 x 17C	10~350	

Section Two (Max. 7 Pin)

OD (mm)		Length (cm)	Series
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	X T M
2.8	#30 x 7C	10~400	
3.6	#28 x 7C	10~1000	
5.0	#24 x 9C	10~1500	

Unit: ± 0.5 mm

FXD-B66008RALH-64

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	LENS
USB 2.0 (F)X Low Temp. (F)H H.264 (F)T Advance (F)M Basic *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) R Raspberry Pi (X)	**Front View** (V)B Board Type T Tube Type V Tube Type *V Dimmer Controller	**Color / B/W / Dimensions** 66008 / 660M8 / Ø 8.16 x 1.92 (X) 66008R / 660M8R / Ø 8.16 x 16.14 (H) 66009R / 660M9R / Ø 9.6 x 2.06 (T) 660A28 / 660AM28 / 28 x 28 (M) *R Round Shape	N/A None A Built-in 660A28 A External	N/A None **White** L Normal LH High-Intensity **Infrared** L9 IR 940 nm L8 IR 850 nm	**Code / Specification / View Angle** 64 / 5.2 mm / F 2.8 / 64° 94 / 3.18 mm / F 2.2 / 94 100 / 3.7 mm / F 2.5 / 100 118 / 2.4 mm / F 2.6 / 118 120 / 3.65 mm / F 2.0 / 120° 121 / 3.7 mm / F 2.4 / 121° 130 / 3.0 mm / F 2.0 / 130° 150 / 2.9 mm / F 2.2 / 150°

* 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

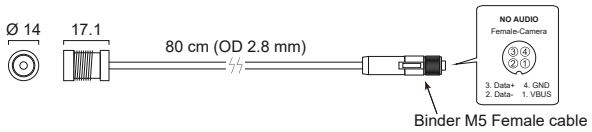

TE Industrial Mini I/O Type II (2040008-2) (USB 2.0 Only)

Unit: ± 0.5 mm

Customize

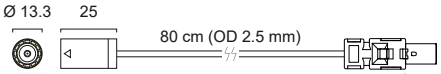


▲ TD-B66009R-120-(xx)



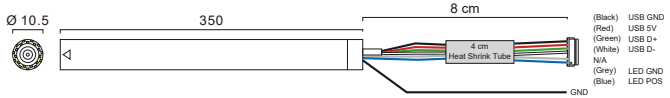


▲ TE-T660M13L8-160-(xx)





▲ TD-T66010LH-72-(xx)





▲ TD-T66010L-94-(xx)

