Unit: ± 0.5 mm

Feature

- Miniature size.
- Outstanding quality.
- High performance.

NEW PRODUCT ANNOUNCEMENT
Product appearance may be changed.
Final product appearance will be updated on datasheet.

Specification

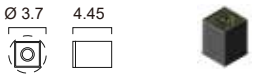
Model No.	B3000	DBL3000 (Dual Lenses)
Dimensions (mm)	Ø 3.7	5 x 25
Orientation	Front View	Side View
Camera Type	Board Type	
Video Format	MJPEG / YUV	
CRA	32.54°	
Image Sensor	1/7.5" Color CMOS Camera Module	
Resolution	1504 x 1504 @ 30 fps MJPG / 5 fps YUV	
Pixel Size (um)	1.116 × 1.116	
Image Area (mm)	1.691× 1.691	
Sensitivity (Lux.Sec)	4300 e^- / Lux.Sec	
Dynamic Range	74.5 dB @ 15.5x gain	
S/N Ratio	37.4 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 3.0 / USB 2.0	USB 2.0
Power Supply	DC 5 V	
Power Current	TBD mA (Max.), TBD mA (with LED)	
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.

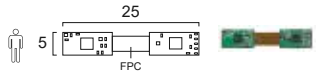
B3000 (No Lens)



S3000 (140°)



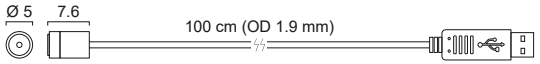
DBL3000 (No Lens)



S3000



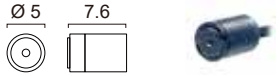
▲ XD-S3000-65



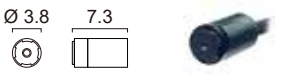
S3000-53 (53°)



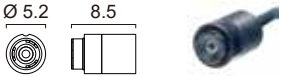
S3000-65 (65°)



S3000-79 (79°)



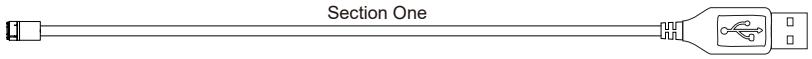
S3000-102 (102°)



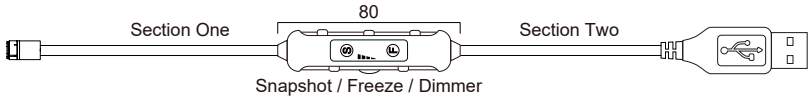
Unit: ± 0.5 mm

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

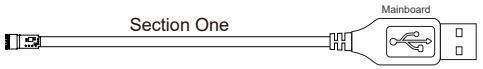
Y



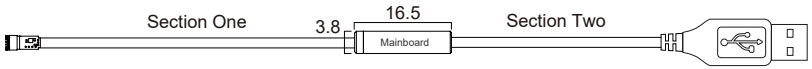
FY



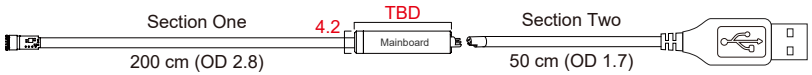
X



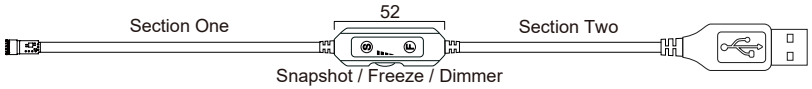
Mainboard assembled in connector when cable length is within 500 cm.



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



FX



XD-B3000LH-140

SERIES	CONNECTOR	CAMERA BODY	DISPLAY	MICROPHONE	LED	LENS
USB 3.0 (F)Y Low Temp. **USB 2.0** (F)X Low Temp. *F Snapshot and Freeze Frame	**UVC (USB)** D Type A T Type C	**Front View** (V)B Board Type S Forming Type T Tube Type V Tube Type **Side View** DBL Board Type *V Dimmer Controller *D Dual Lenses	Front View Color / B/W / Dimensions 3000 / - / Ø 3.7 Ø 3.7 x 4.45 Side View Color / B/W / Dimensions 3000 / - / 5 x 25 (X)	N/A None	N/A None **White** LH High-Intensity	Built-in Code / Specification / View Angle 140 / 0.175 mm / F 2.8 / 140° External Code / Specification / View Angle 45 / 2.88 mm / F 6.0 / 45° 2.88 mm / F 4.0 53 / 2.34 mm / F 4.7 / 53° 65 / 1.83 mm / F 5.0 / 65° 79 / 1.41 mm / F 4.7 / 79° 102 / 0.94 mm / F 4.5 / 102°

* 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.

Connector Information



USB Type A



USB Type C