

**Feature**

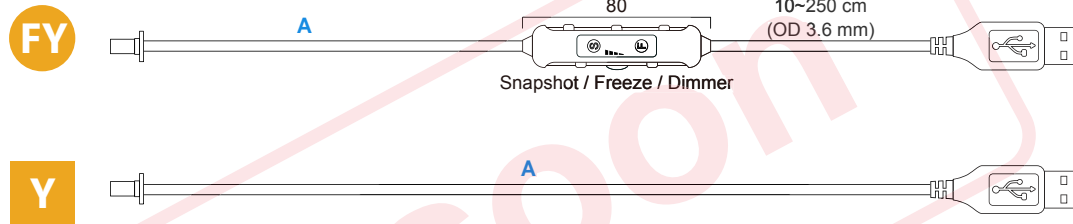
- Global shutter
- Miniature Size.
- Application for Industrial Automation, Biometric Automation and Surveillance Device.

Unit: ± 0.2 mm

**Specification**

Model No.	B176M4	
Series	<b>FY</b>	Y
Snapshot and Freeze Frame	Support	N/A
Feature	Low Temperature	
Interface	USB 3.0	
Resolution (TBD)	640 x 480 @ 240 fps 320 x 240 @ 480 fps	
Video Format	MJPEG	
Image Sensor	1/10" CMOS B/W Camera Module	
Pixel Size (µm)	2.2 x 2.2	
Image Area (mm)	1.44 x 1.09	
Shutter	Global	
Sensitivity	TBD	
Dynamic Range	TBD	
Storage Temperature	-30 to 60 Degree C	
Working Temperature	-10 to 45 Degree C	
Lens (specify which lens)	62	1.498 mm / F 3.1 (H= 51°; V= 39°; D= 62°) 1.498 mm / F 5.0
Power Source	DC 5V (USB)	
Power Current	TBD mA	
Operating System	Windows 10, Linux, Mac OSX	

**B176M4**  
No Lens



**FYD-VB176M4LH-62A**

SERIES	CONNECTOR	CAMERA BODY	DISPLAY
<b>USB 3.0</b> <b>FY</b> Low temperature <b>Y</b> Low temperature  <b>*F</b> Snapshot and Freeze Frame	<b>UVC Signal</b> <b>D</b> USB Type A <b>T</b> USB Type C	<b>Front View</b> <b>B</b> Board Type <b>VB</b> Board Type + Dimmer <b>T</b> Tube Type <b>V</b> Tube Type + Dimmer	<b>176M4</b> B/W
LED	LENS	CABLE	
<b>LH</b> High-Intensity White LED <b>L8</b> IR 850 nm LED <b>L9</b> IR 940 nm LED	<b>62</b> 1.498 mm / F 3.1 (62°) 1.498 mm / F 5.0 (62°)	<b>Camera Head to Mainboard (Section One)</b> <b>A</b> Cable OD 2.8 +0.1 mm (Max. 200 cm)	
<b>Connector Information</b> 			
* Camera with LED light source is suggested to use lens with larger F-Stop number			