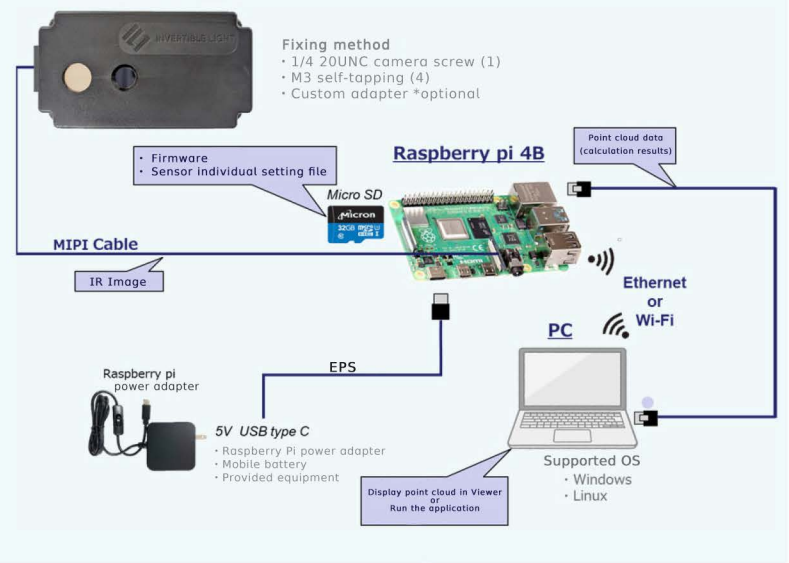


ILT 3D Sensor Product Lineup

B001 standard model

Model	B001-S	B001-M	B001-L-DK※1
Working Range	500~1000mm	800~1500mm	1000~2000mm
Depth Repeatability(23℃)	±12mm (@800mm)	±18mm (@1200mm)	±18mm (@1500mm)
Measuring Area	440×440 @500mm	700×700 @800mm	880×880 @1000mm
	880×880 @1000mm	1320×1320 @1500mm	1760×1760 @2000mm
Depth Frame Rate	30 FPS		
Laser Wavelength	940nm (Class 1)		
Usage Environment	Indoor		
Power Consumption	≒ 5 W		
Sensor Dimensions	H38×W68×D20mm	H38×W68×D20mm	H38×W90×D20mm
Weight	63 g	63 g	113 g
Interface	MIPI connecting to Raspberry Pi Data output by Wi-Fi or Ethernet		

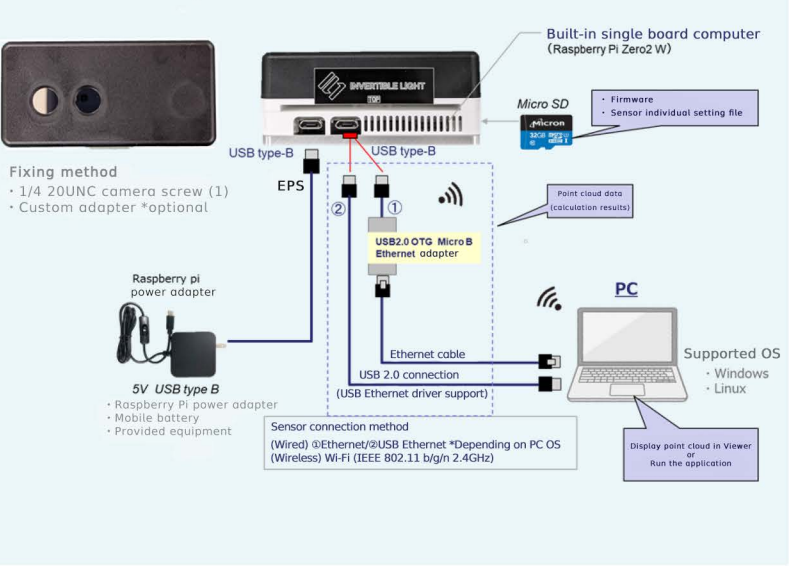
Standard model configuration



B001X model

Model	B001X-S	B001X-M	B001X-L
Working Range	500~1000mm	800~1500mm	1000~2000mm
Depth Repeatability(23℃)	±12mm (@800mm)	±18mm (@1200mm)	±18mm (@1500mm)
Measuring Area	440×440 @500mm	700×700 @800mm	880×880 @1000mm
	880×880 @1000mm	1320×1320 @1500mm	1760×1760 @2000mm
Depth Frame Rate	15 FPS		
Laser Wavelength	940nm (Class 1)		
Usage Environment	Indoor		
Power Consumption	≒ 5 W		
Sensor Dimensions	H40×W76×D32mm	H40×W76×D32mm	H42×W98×D49mm
Weight	78 g	78 g	200 g
Interface	IEEE 802.11 b/g/n 2.4GHz USB2.0 OTG Micro B - Ethernet		

X-model configuration



B001 Series Trial Kit

Based on BS001-S, but smaller and lighter.

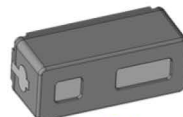


- ✓ Easy to try out
- ✓ A new relatively inexpensive model

Experience Invertible Light Technology

Upcoming B002-S/M model

USB connection model under development



- ✓ Easy-to-connect interface
- ✓ Faster (80~100FPS)
- ✓ The same compact size as B001 model

DK model scheduled for release within 2024

TAKAHATA PRECISION CO., LTD.

Nishi Shinjuku Diamond Bldg.,
3-9-12, Nishi Shinjuku, Shinjuku-ku, Tokyo 160-0023 Jaocn
TEL : +81 3 5334 6801
FAX : +81 3 5334 6811
<http://www.takahata.biz/>

