



AI-H160

Separate Amplifier Model: Sensor Head, 160 mm



*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model	AI-H160	
Installation Distance	140 to 180 mm 5.51 to 7.09"	
Detection Area	1X Zoom to 4X Zoom	13 × 13 mm 0.51 × 0.51" to 52 × 52 mm 2.05 × 2.05" *1
	Digital Zoom	1X to 4X (17 steps) adjustment, zoom position adjustment*1
Light Receiving Element	BW CMOS	
Transmitter	Light Source	Infrared LED (850 nm)
	Lighting Method	Pulse lighting
Indicators	1 (green/red/orange)	
Environmental resistance	Enclosure rating	IP67*2
	Ambient temperature	-10 to +50 °C 14 to 122 °F (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
	Vibration resistance	10 to 55 Hz, Double amplitude 1.5 mm 0.06" , 2 hours in each of the X, Y, and Z directions
	Shock resistance	500 m/s ² , 3 times in each of 6 directions
Materials	Main unit case: Zinc die-cast/PBT; Front cover: Acrylic (hard coat); Cable: PVC Operation indicator: PPSU; Polarized filter case: POM	
Weight	Approx. 70 g (including polarized filter)	

*1 When positioned in the midpoint of the installation distance range.

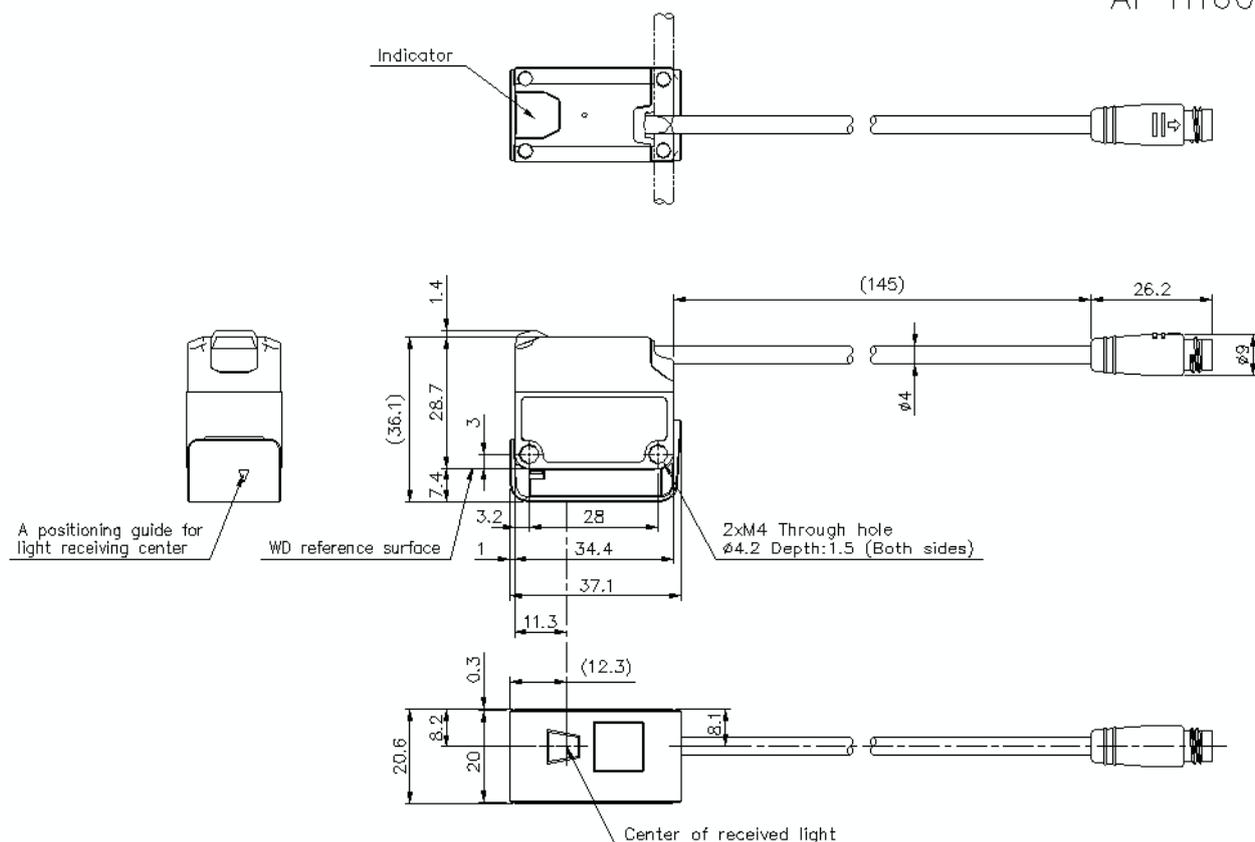
*2 Except when polarized filters or dome filters are mounted.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

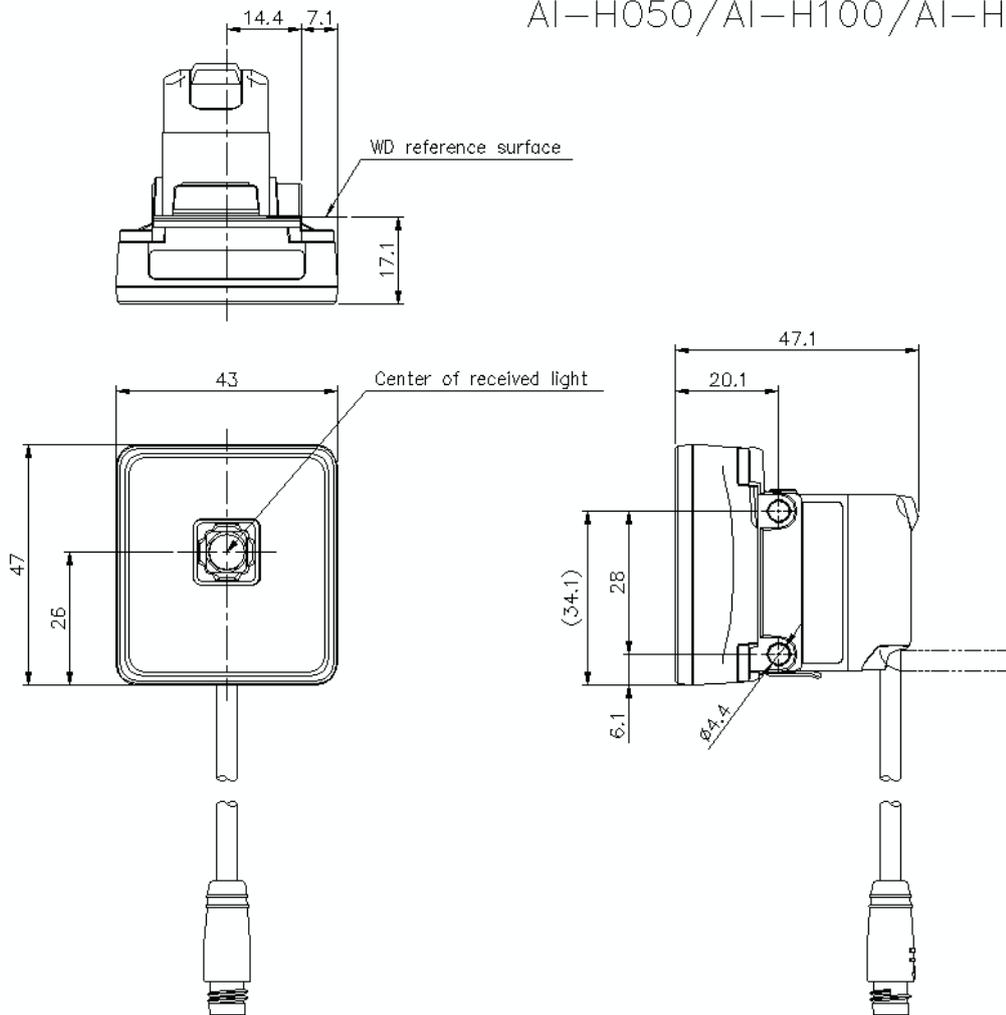
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AI-H160



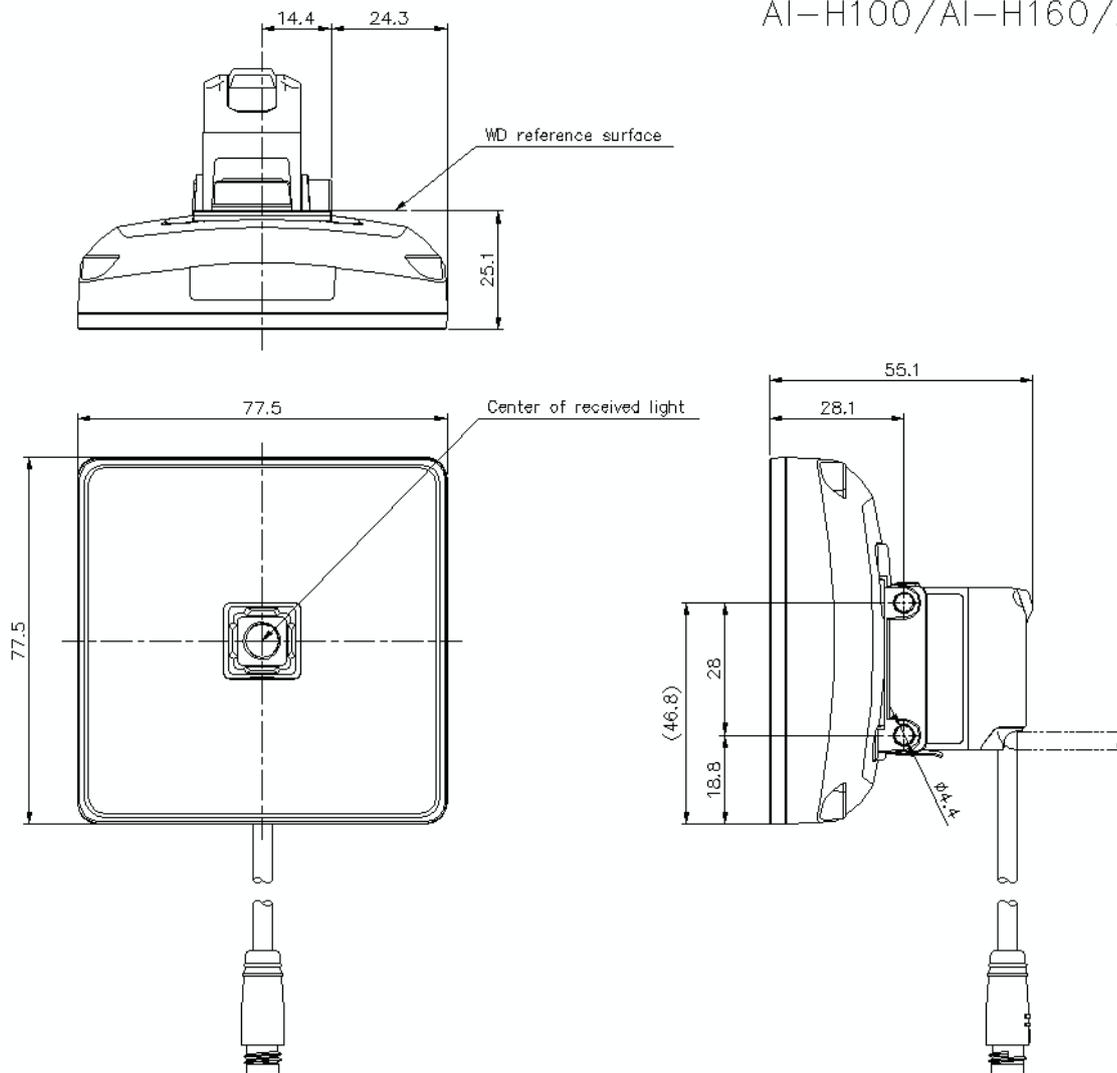
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AI-H050/AI-H100/AI-H160/AI-D16H



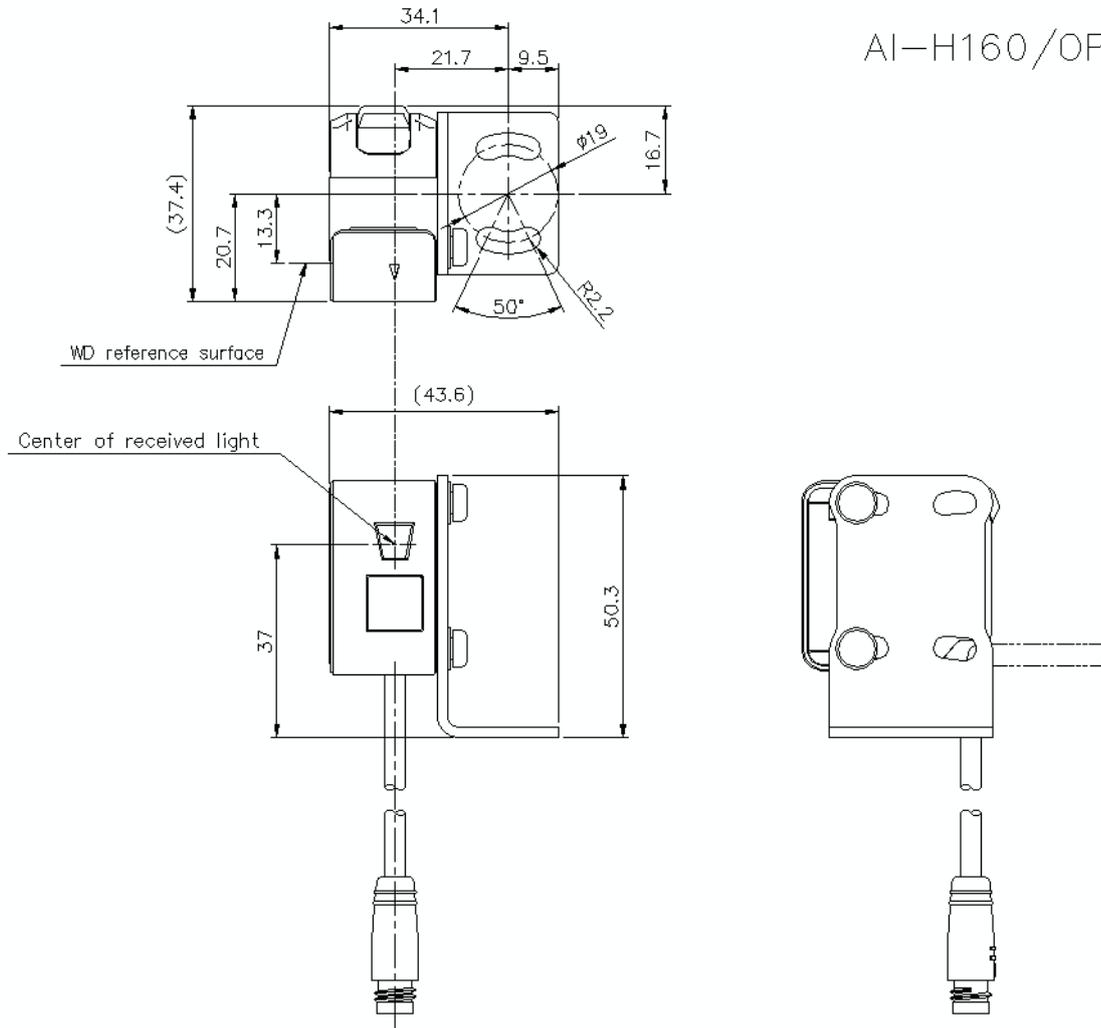
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AI-H100/AI-H160/AI-D32H



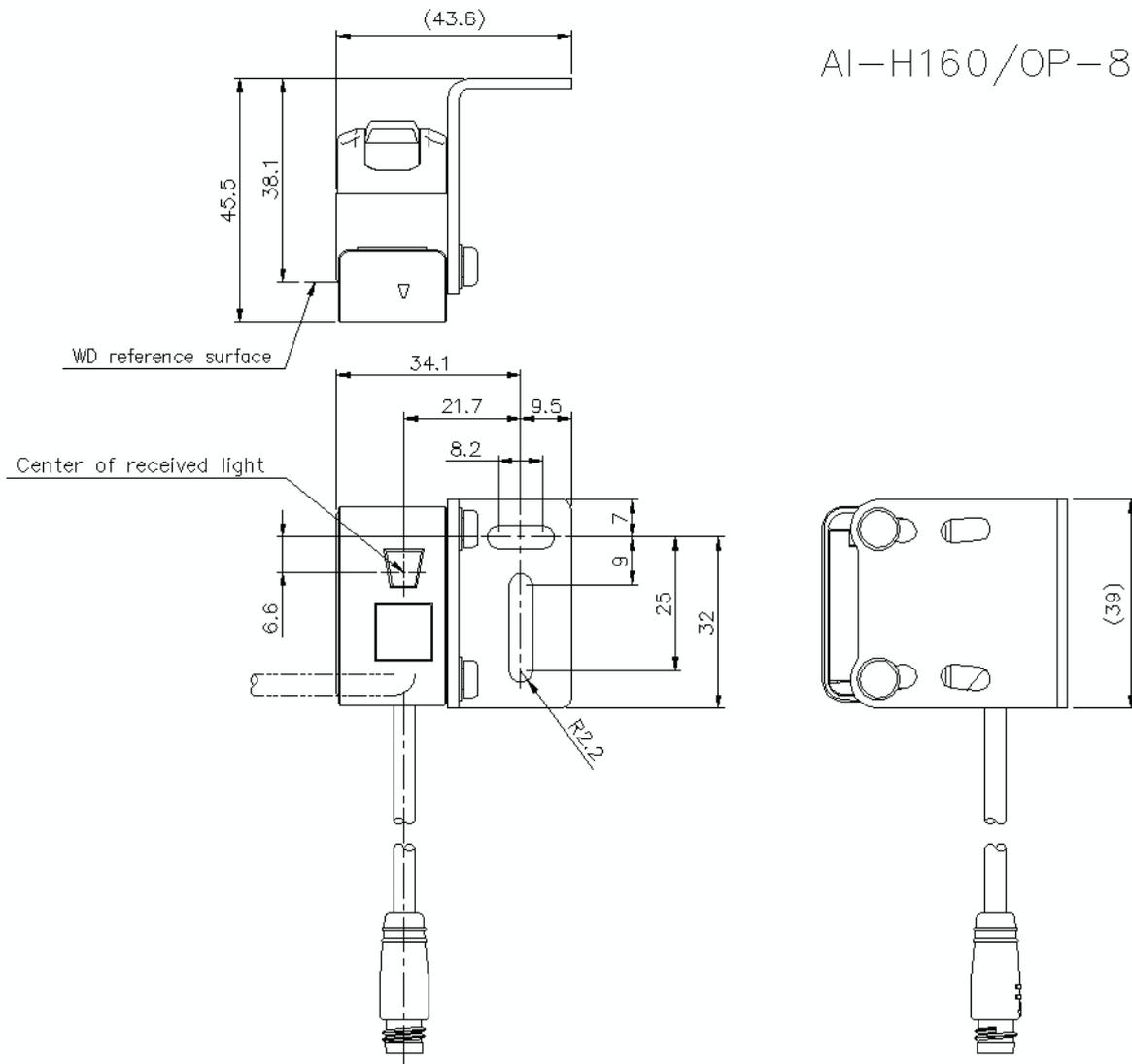
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AI-H160/OP-88104

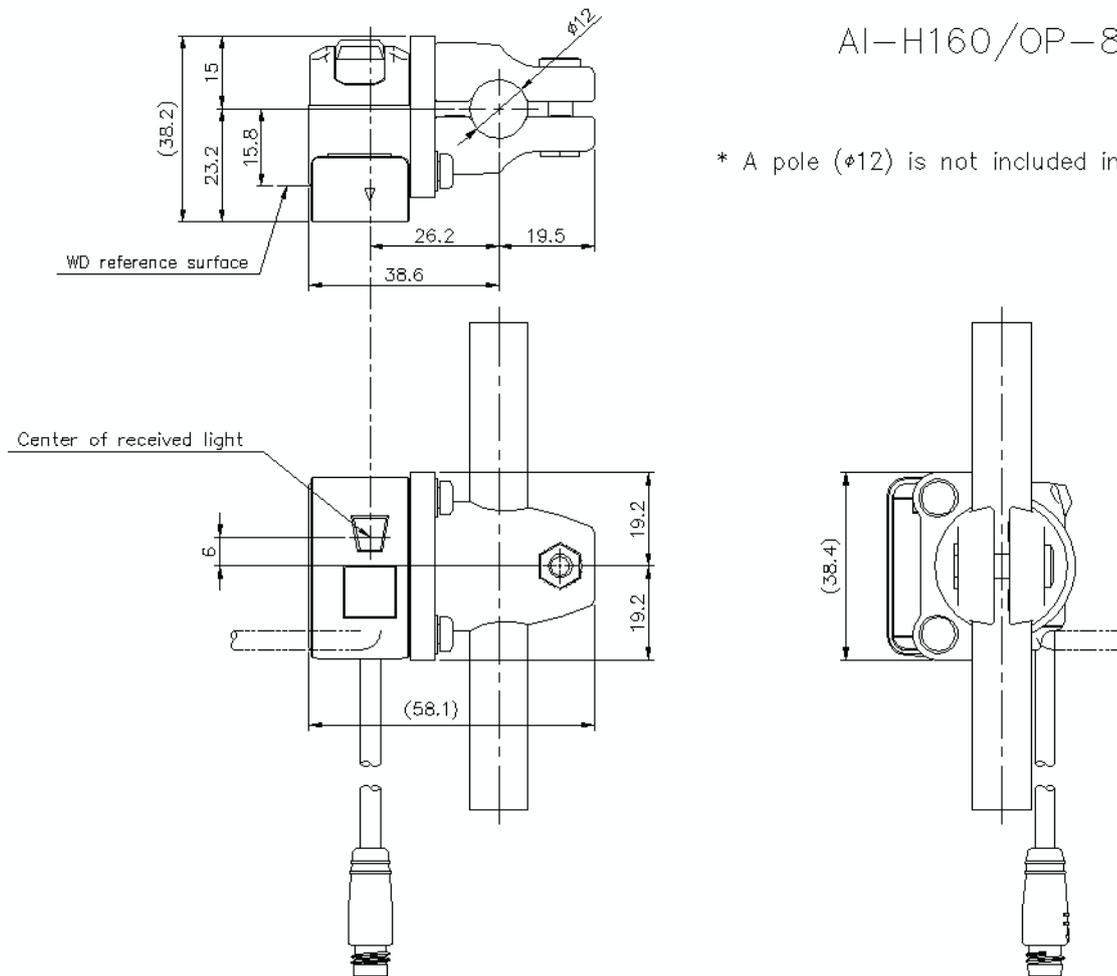


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AI-H160/OP-88105



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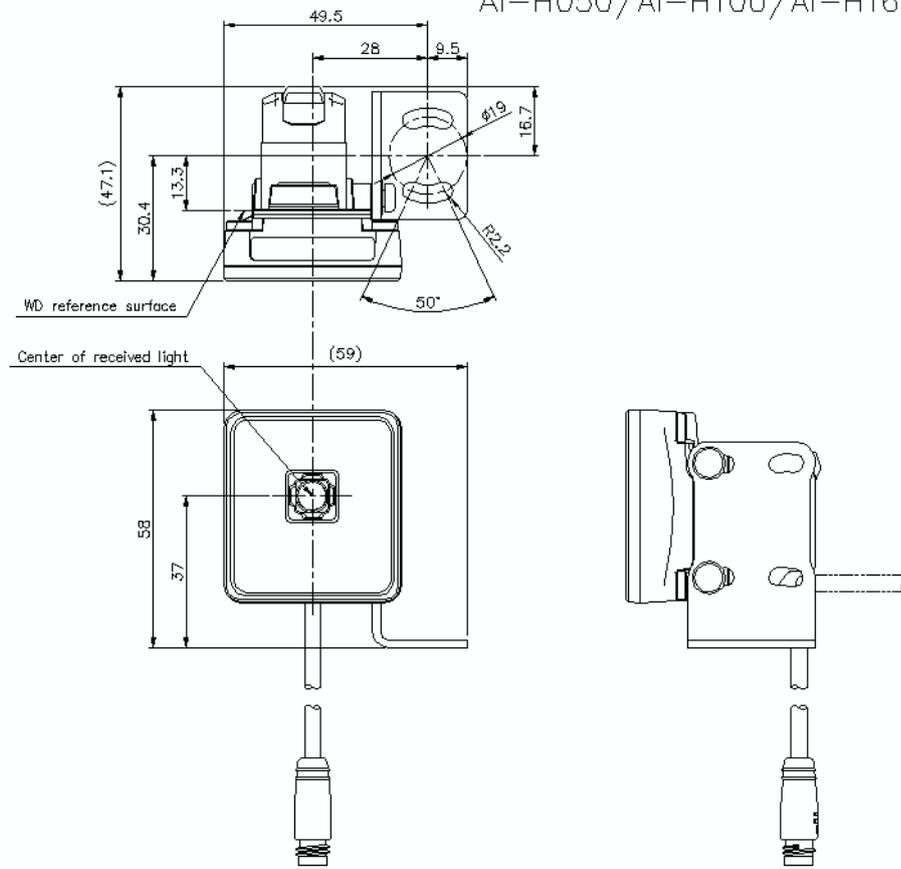


AI-H160/OP-88106

* A pole (φ12) is not included in OP-88106.

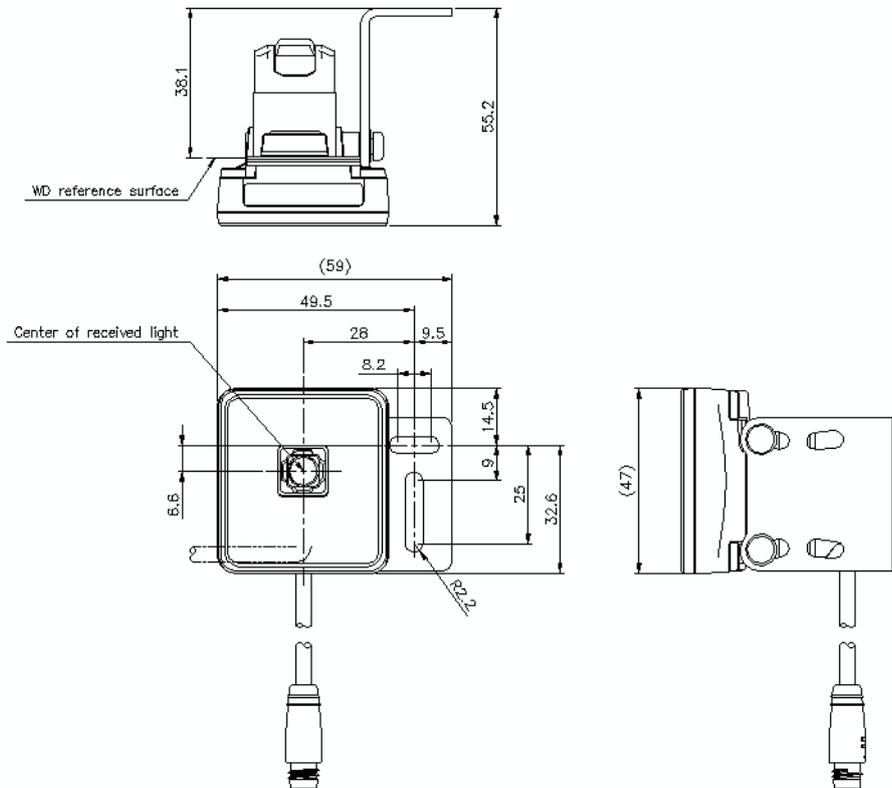
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AI-H050/AI-H100/AI-H160/AI-D16H/OP-88104



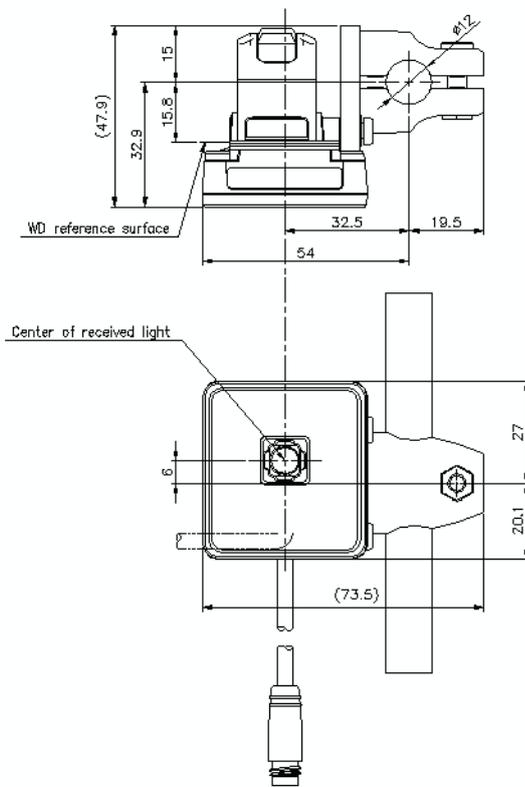
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AI-H050/AI-H100/AI-H160/AI-D16H/OP-88105

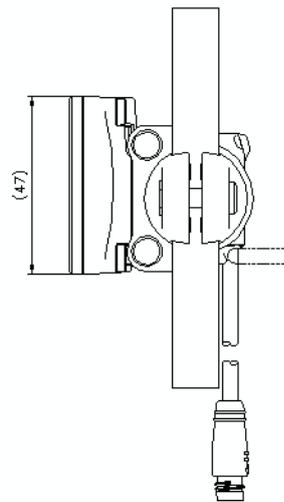


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AI-H050/AI-H100/AI-H160/AI-D16H/OP-88106

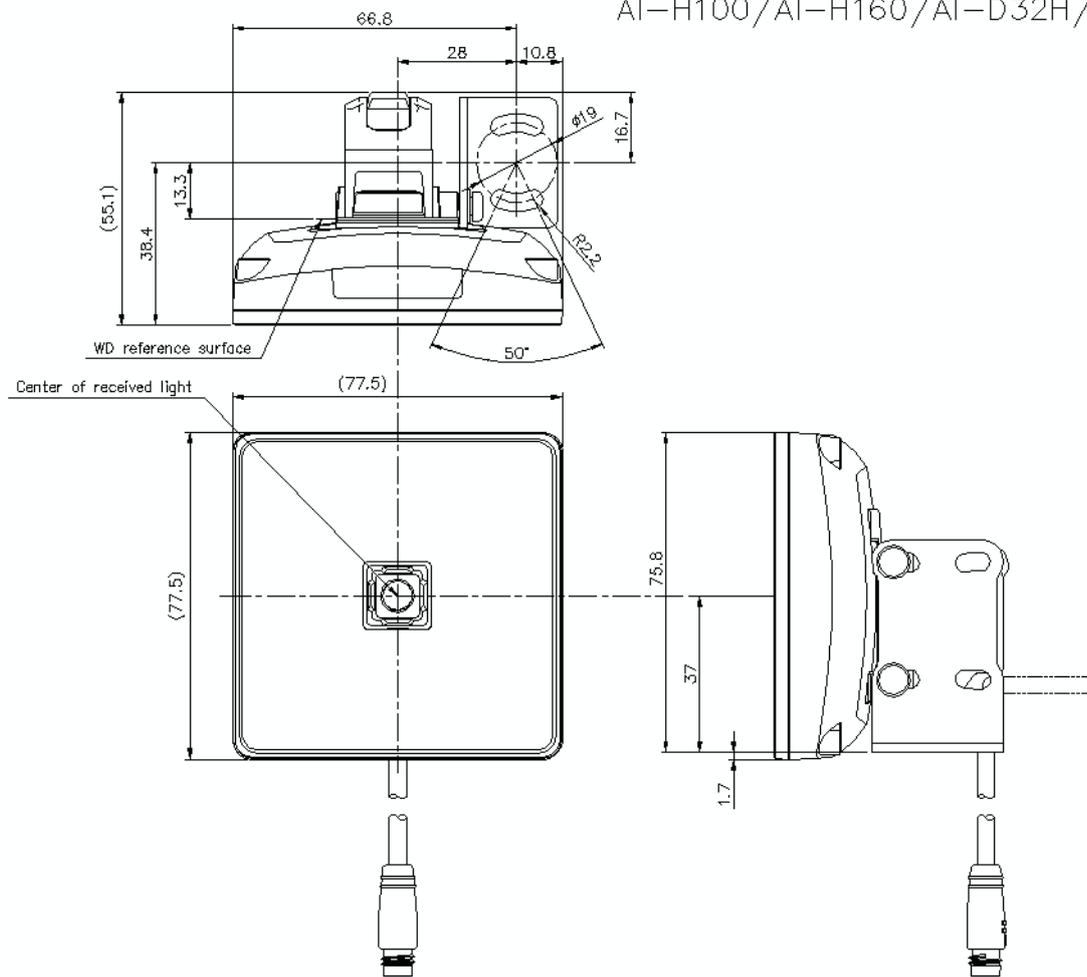


* A pole ($\phi 12$) is not included in OP-88106.



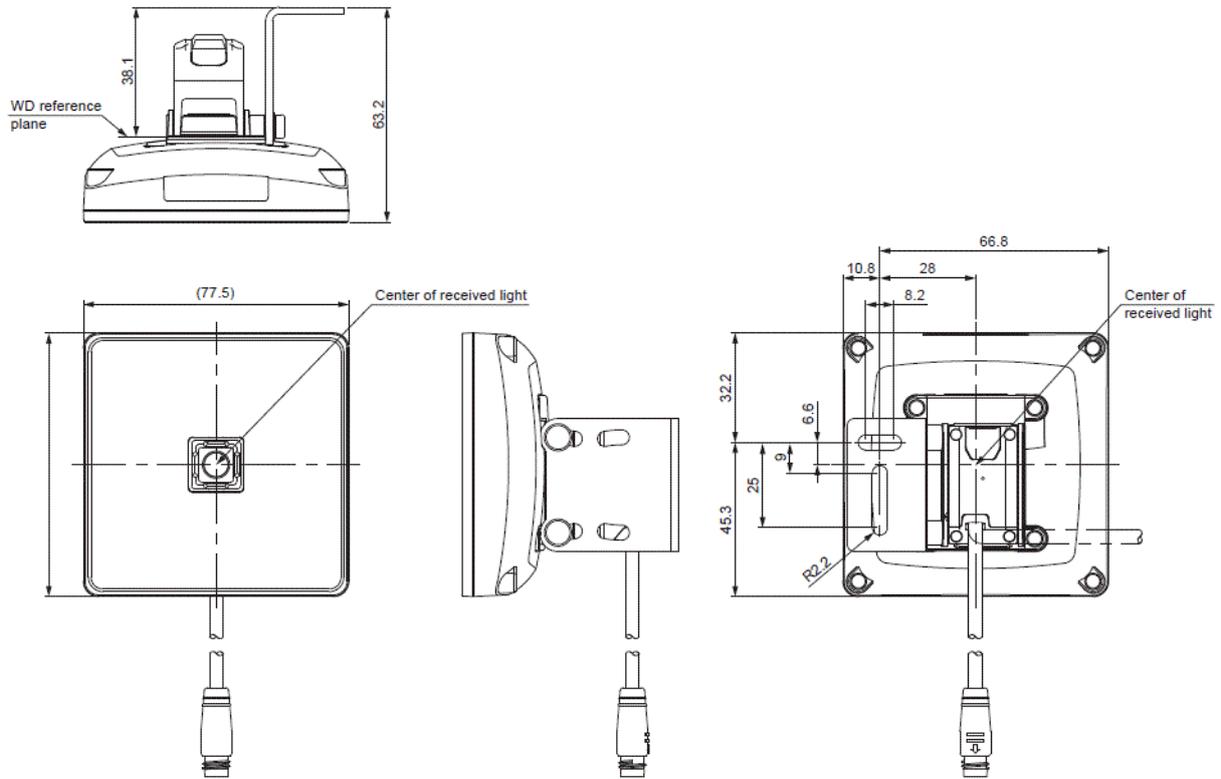
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AI-H100/AI-H160/AI-D32H/OP-88104

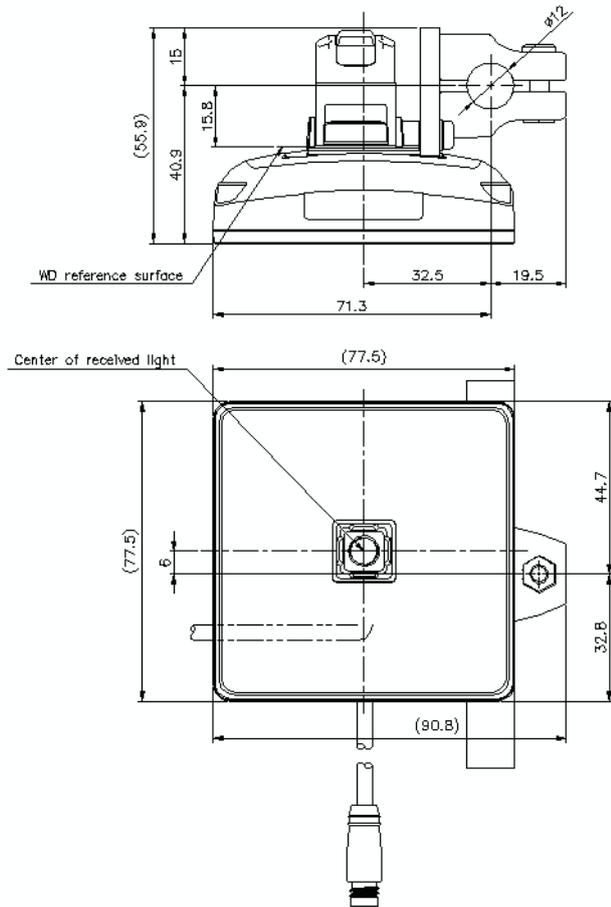


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■ AI-H100/H160 + AI-D32H + OP-88105



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AI-H100/AI-H160/AI-D32H/OP-88106

* A pole (φ12) is not included in OP-88106.

