



AI-H020

Separate Amplifier Model: Sensor Head, 20 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-H020
Installation Distance		18 to 22 mm 0.71 to 0.87"
Detection Area	1X Zoom to 4X Zoom	1.4 × 1.4 mm 0.06 × 0.06" to 5.6 × 5.6 mm 0.22 × 0.22"" ^{*1}
	Digital Zoom	1X to 4X (17 steps) adjustment, zoom position adjustment ^{*1}
Light Receiving Element		BW CMOS
Transmitter	Light Source	Red LED (660 nm)
	Lighting Method	Pulse lighting
Indicators		1 (green/red/orange)
Environmental resistance	Enclosure rating	-
	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: TPU
Weight		Approx. 50 g

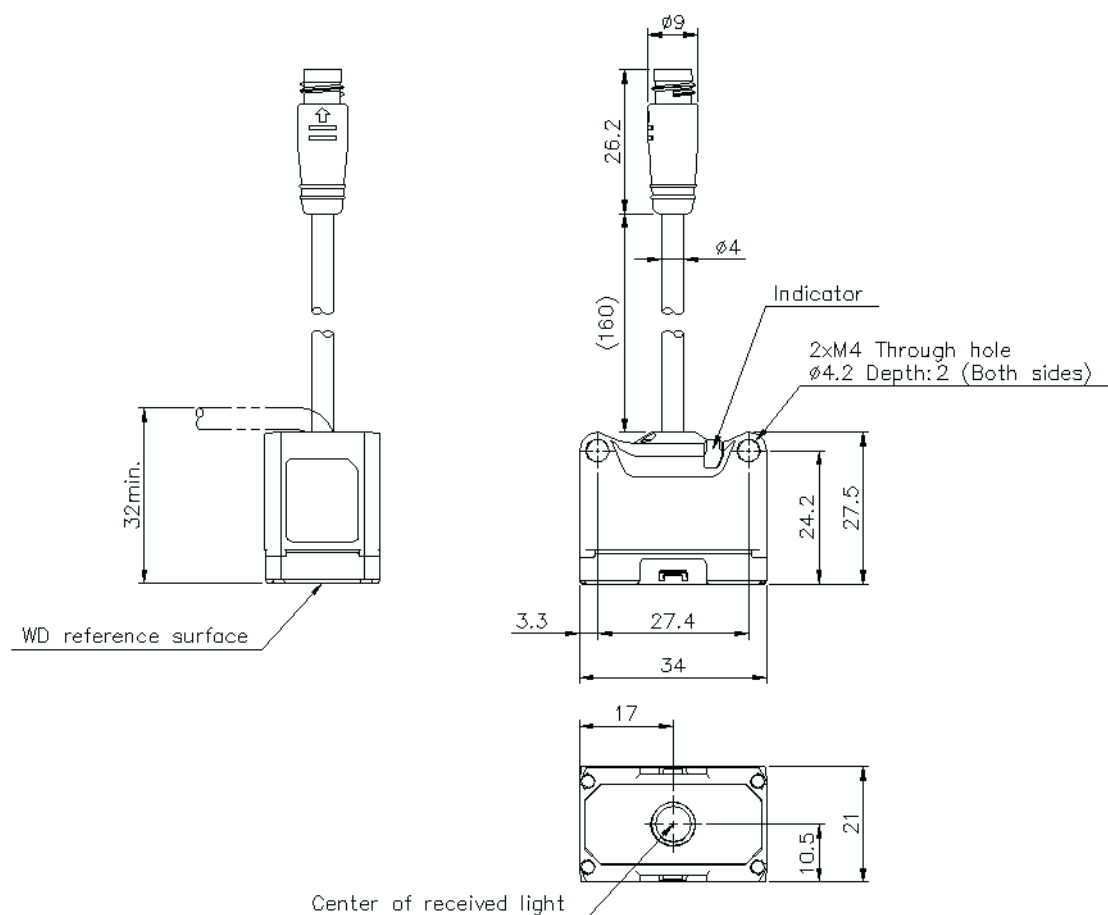
^{*1} When positioned in the midpoint of the installation distance range.

Dimensions

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

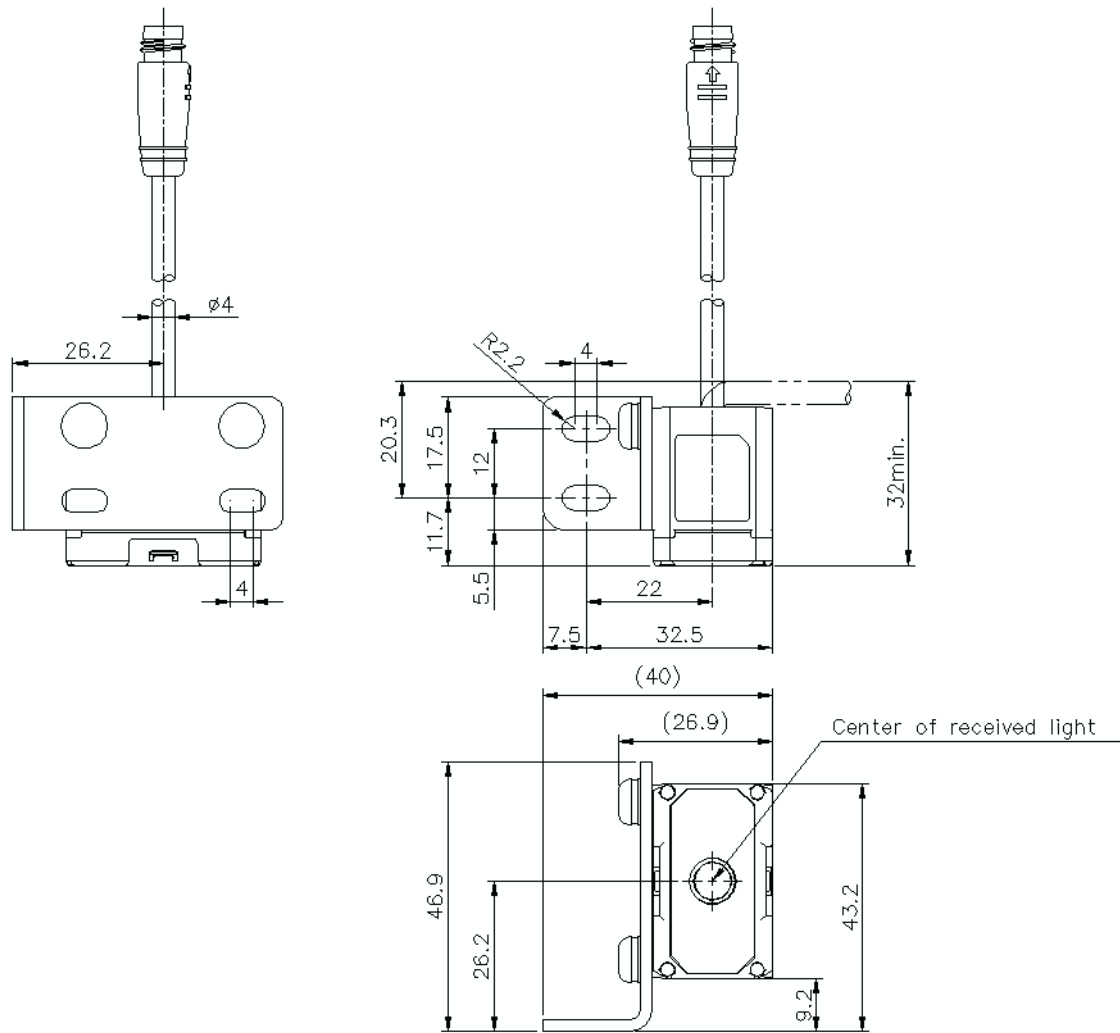
ai-h010_h020_dimension_01.gif

AI-H010/AI-H020



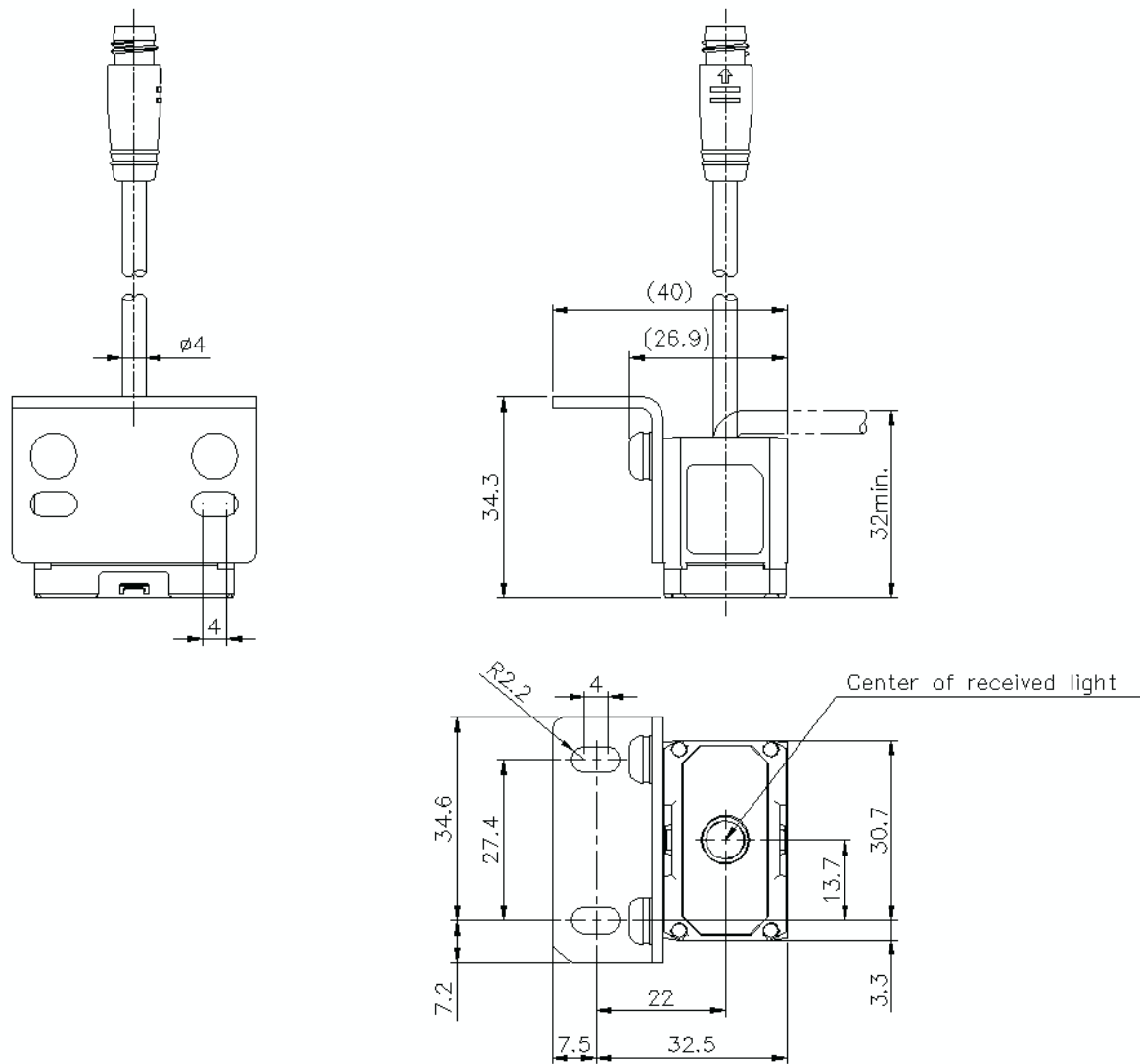
aih010_020_88100_dimension_01.gif

AI-H010/AI-H020/OP-88100



aih010_020_88101_dimension_01.gif

AI-H010/AI-H020/OP-88101



aih010_020_f01h_dimension_01.gif

AI-H010/AI-H020/AI-F01H

