

AI-H100

Separate Amplifier Model: Sensor Head, 100 mm

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

Specifications

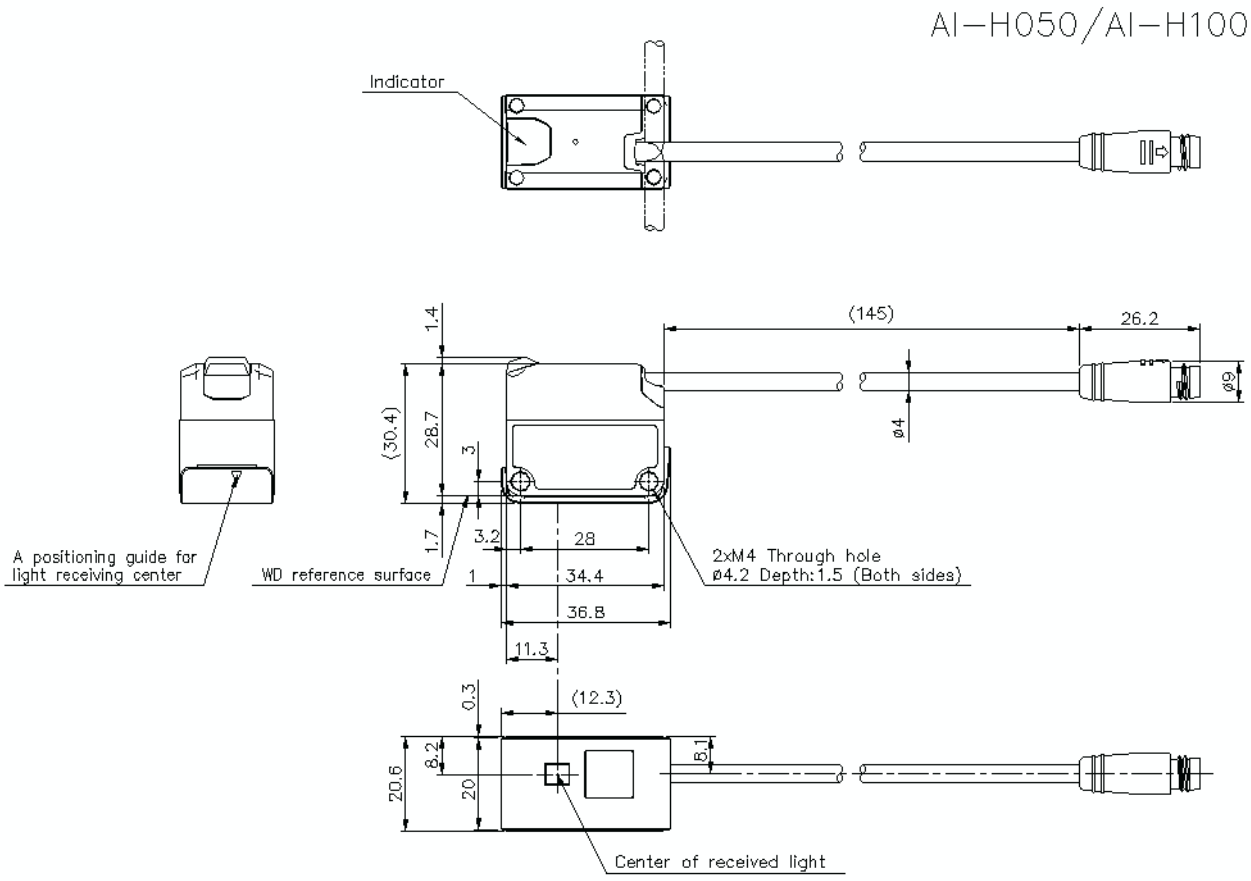
Model		AI-H100
Installation Distance		90 to 110 mm 3.54 to 4.33"
Detection Area	1X Zoom to 4X Zoom	8 × 8 mm 0.31 × 0.31" to 32 × 32 mm 1.26 × 1.26"*1
	Digital Zoom	1X to 4X (17 steps) adjustment, zoom position adjustment*1
Light Receiving Element		BW CMOS
Transmitter	Light Source	Red LED (660 nm)
	Lighting Method	Pulse lighting
Indicators		1 (green/red/orange)
Environmental resistance	Enclosure rating	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/s², 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.

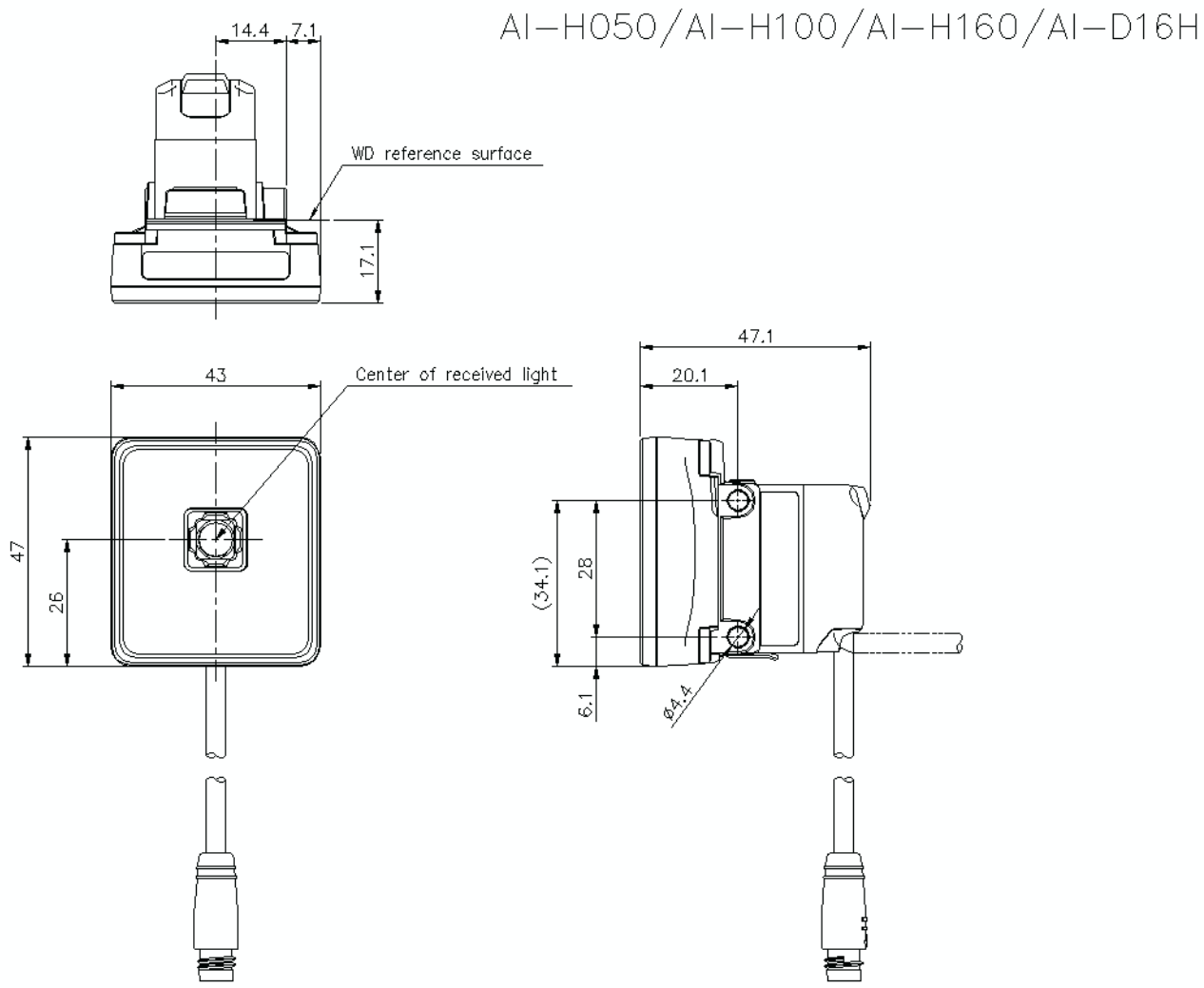
Dimensions

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

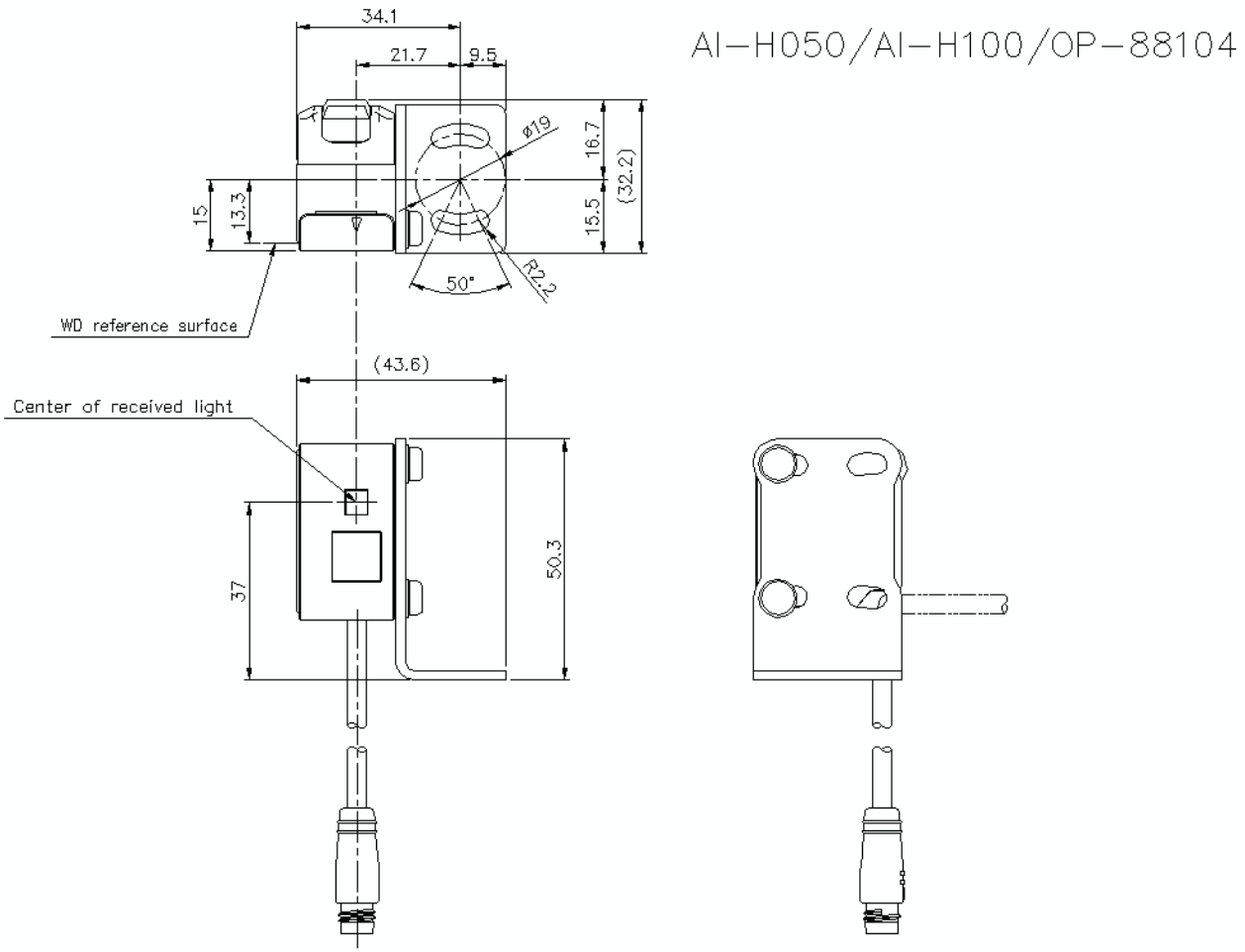
ai-h050_h100_dimension_01.gif



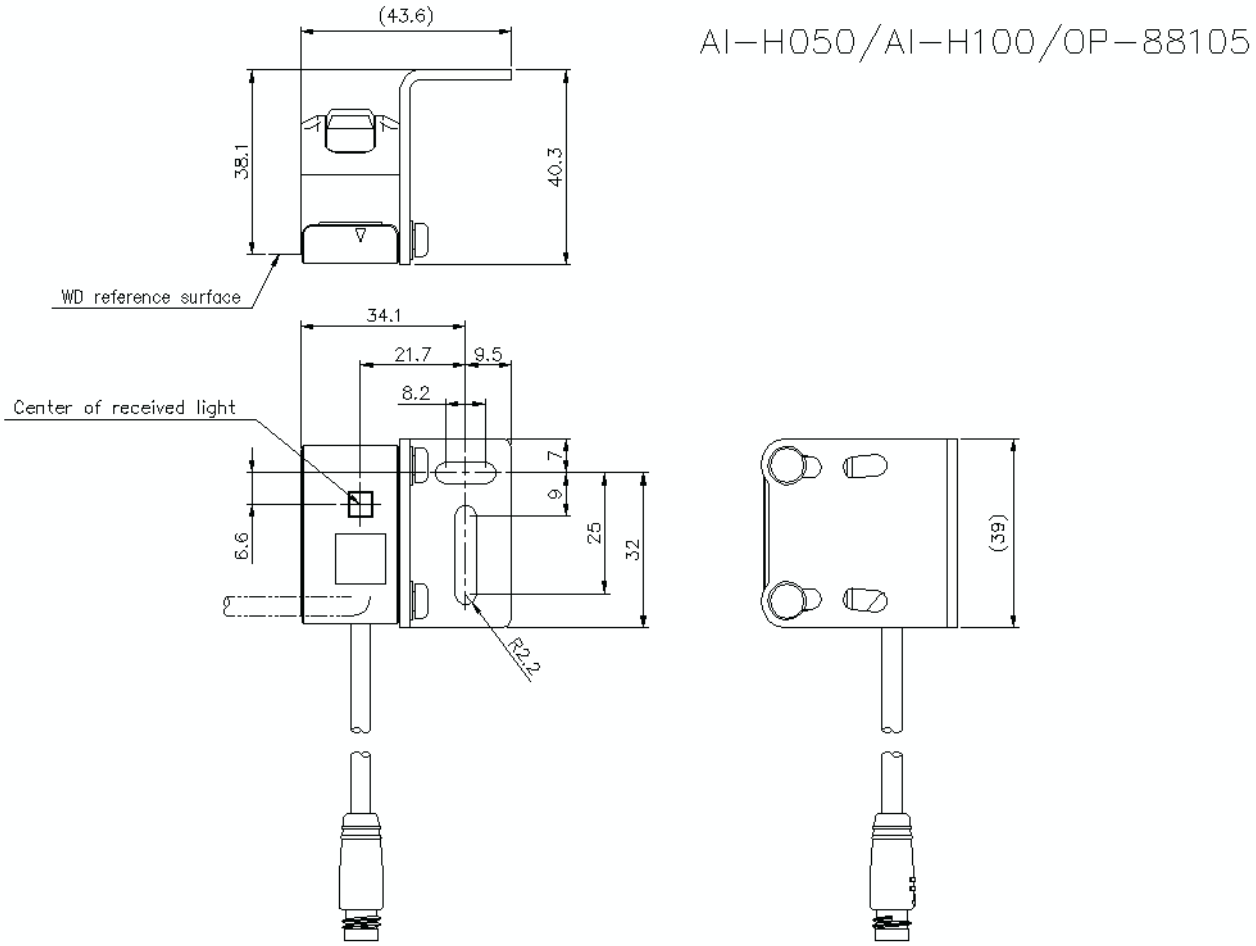
aih050-160_d16h_dimension_01.gif



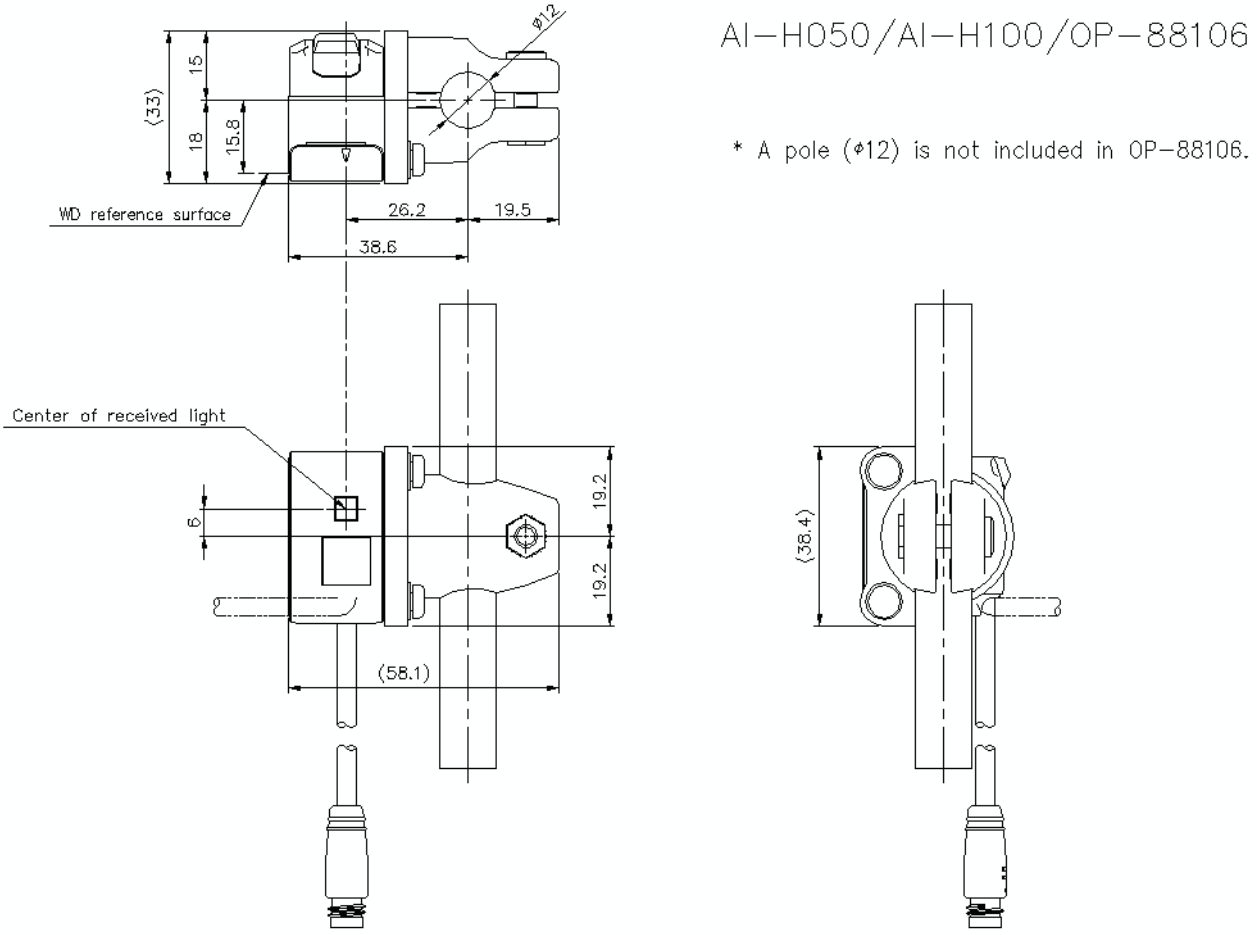
aih050_100_88104_dimension_01.gif



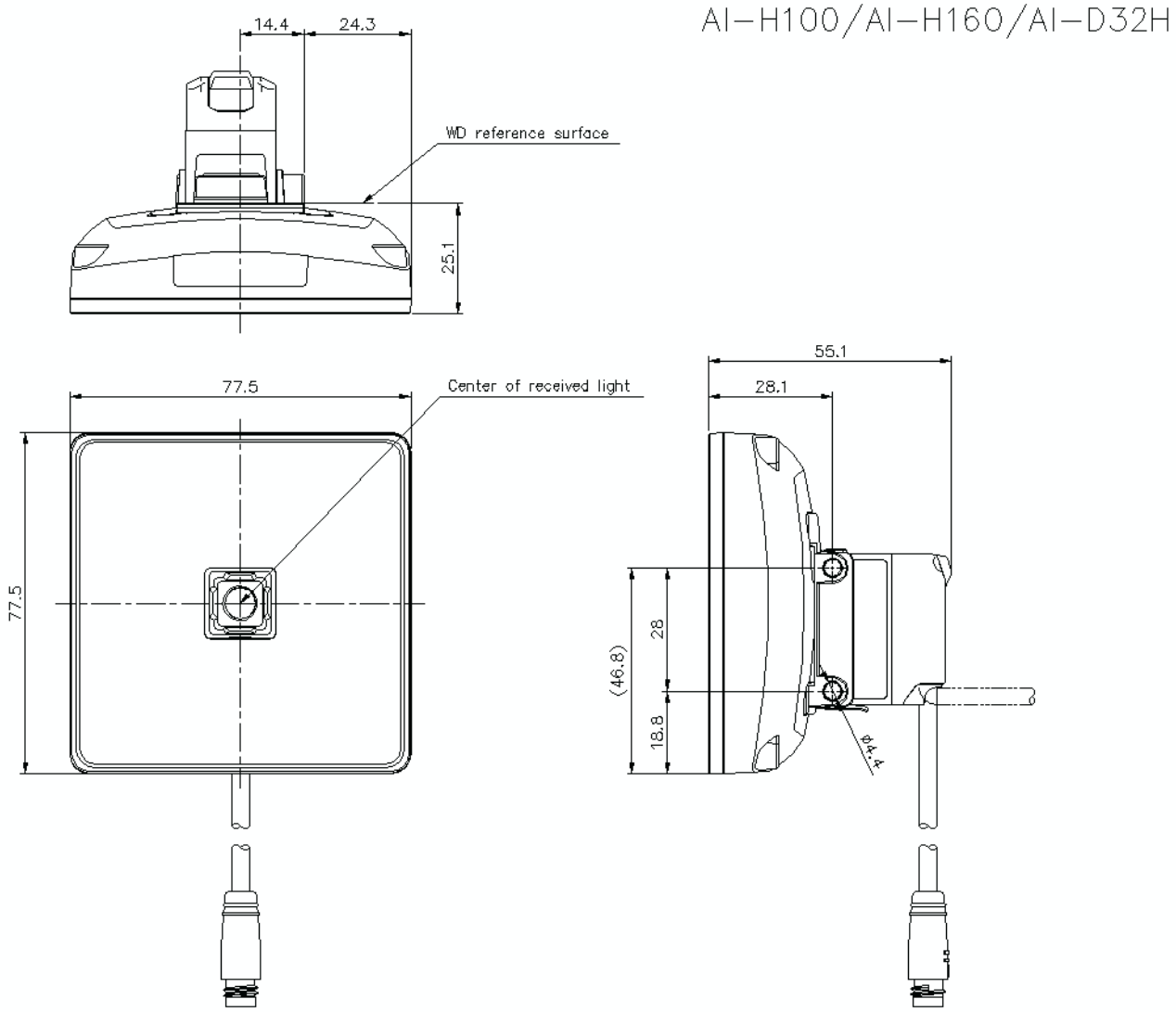
aih050_100_88105_dimension_01.gif



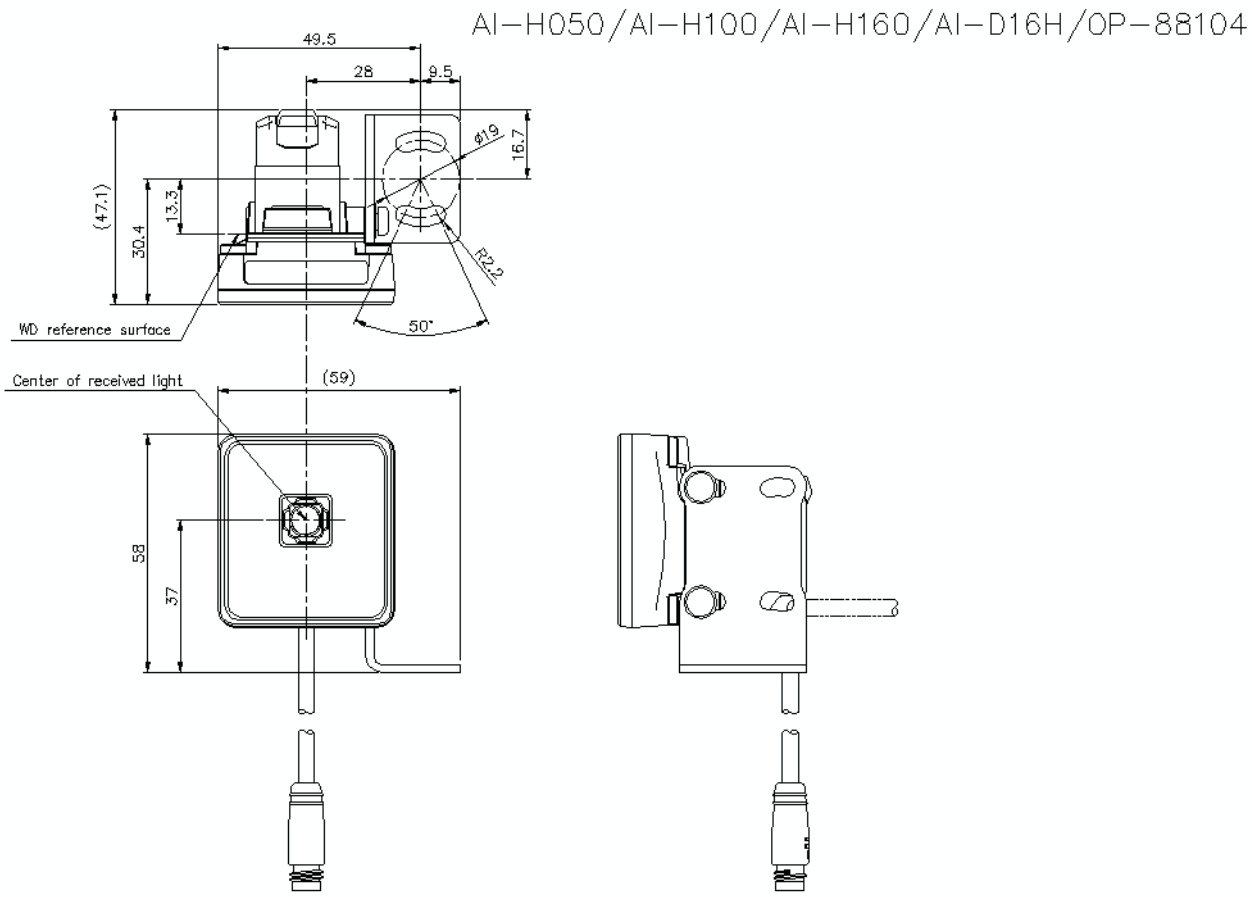
aih050_100_88106_dimension_01.gif



aih100_160_d32h_dimension_01.gif

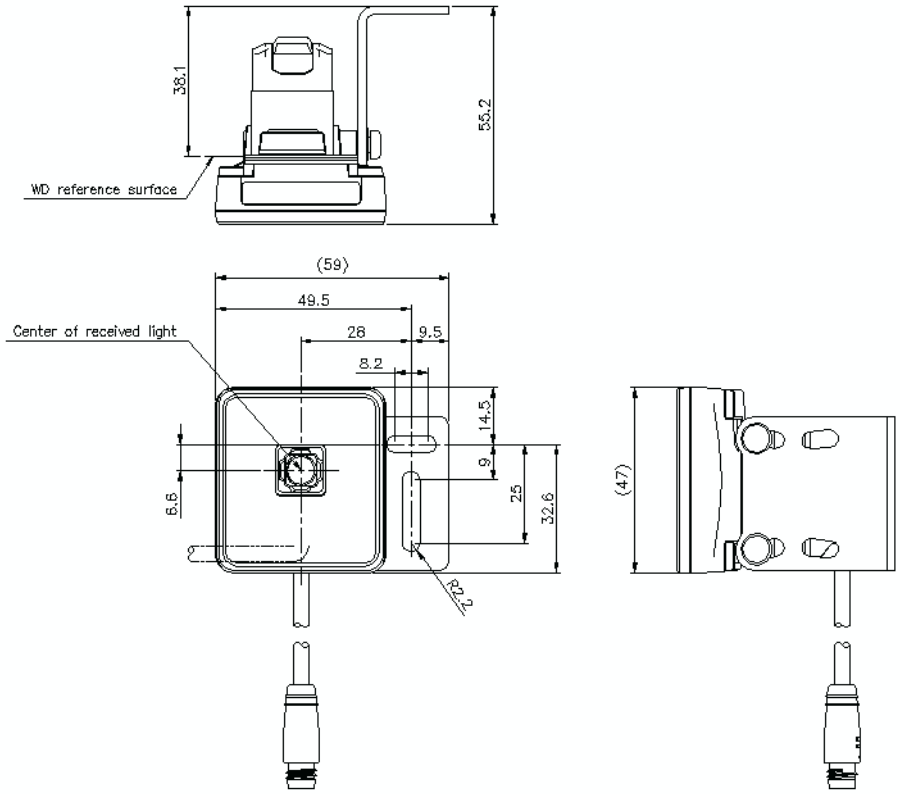


aih_d16h_88104_dimension_01.gif

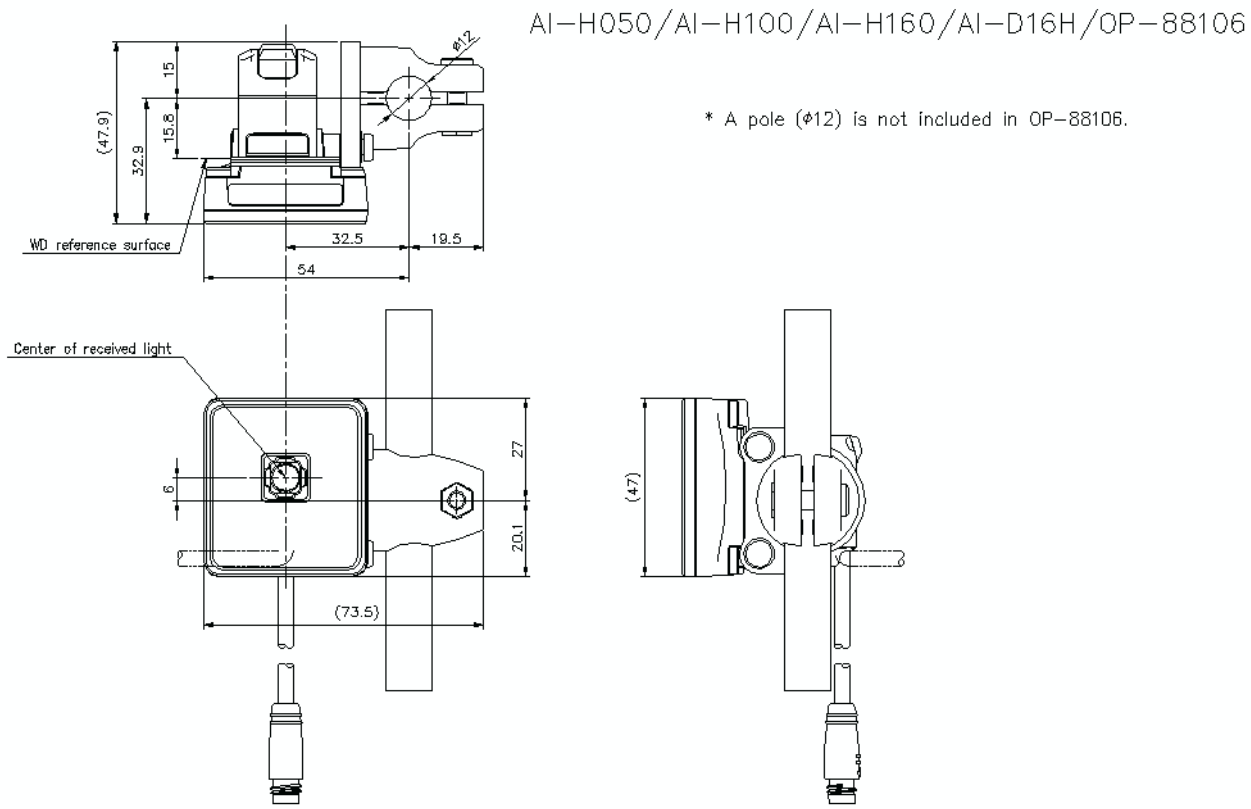


aih_d16h_88105_dimension_01.gif

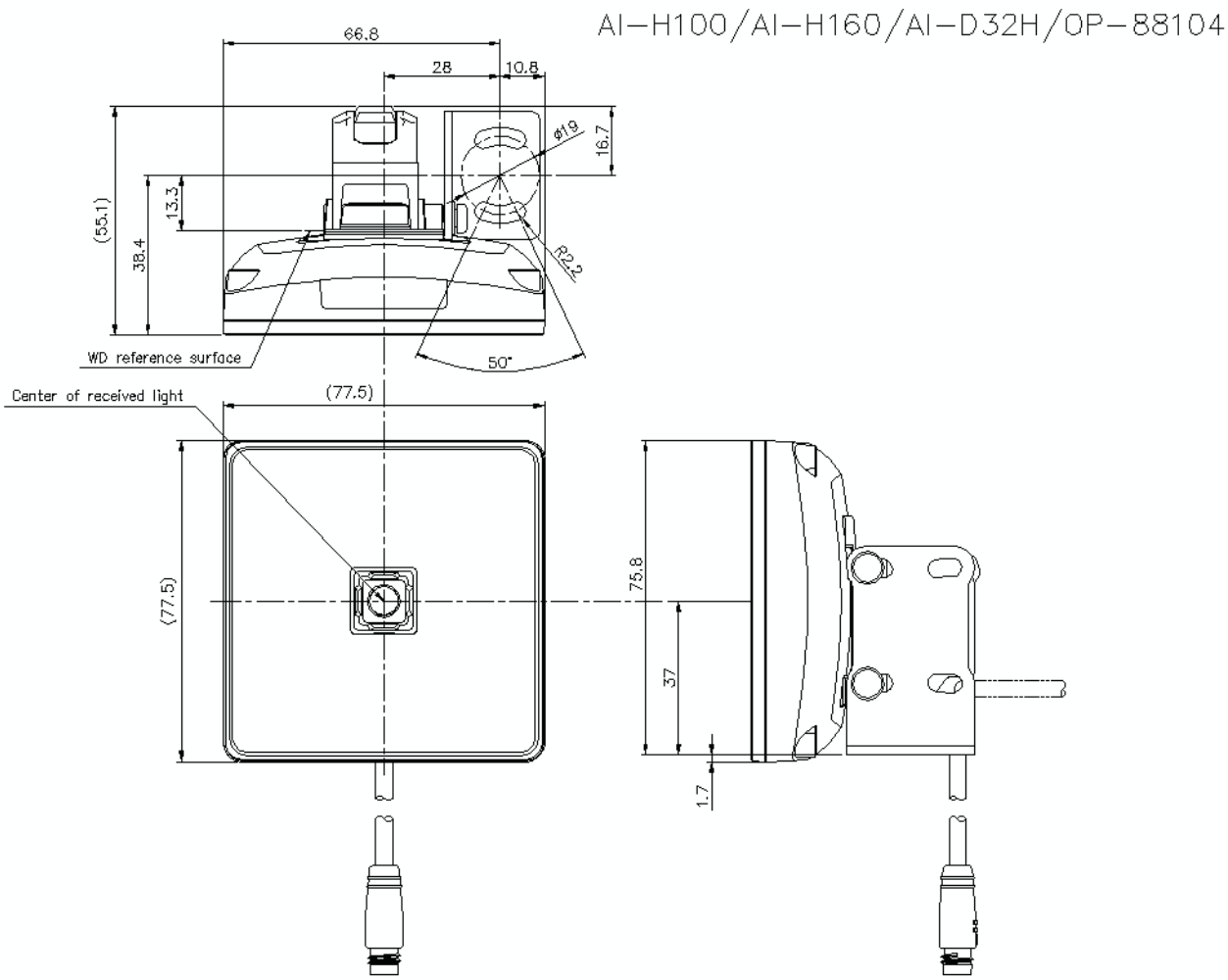
AI-H050/AI-H100/AI-H160/AI-D16H/OP-88105



aih_d16h_88106_dimension_01.gif

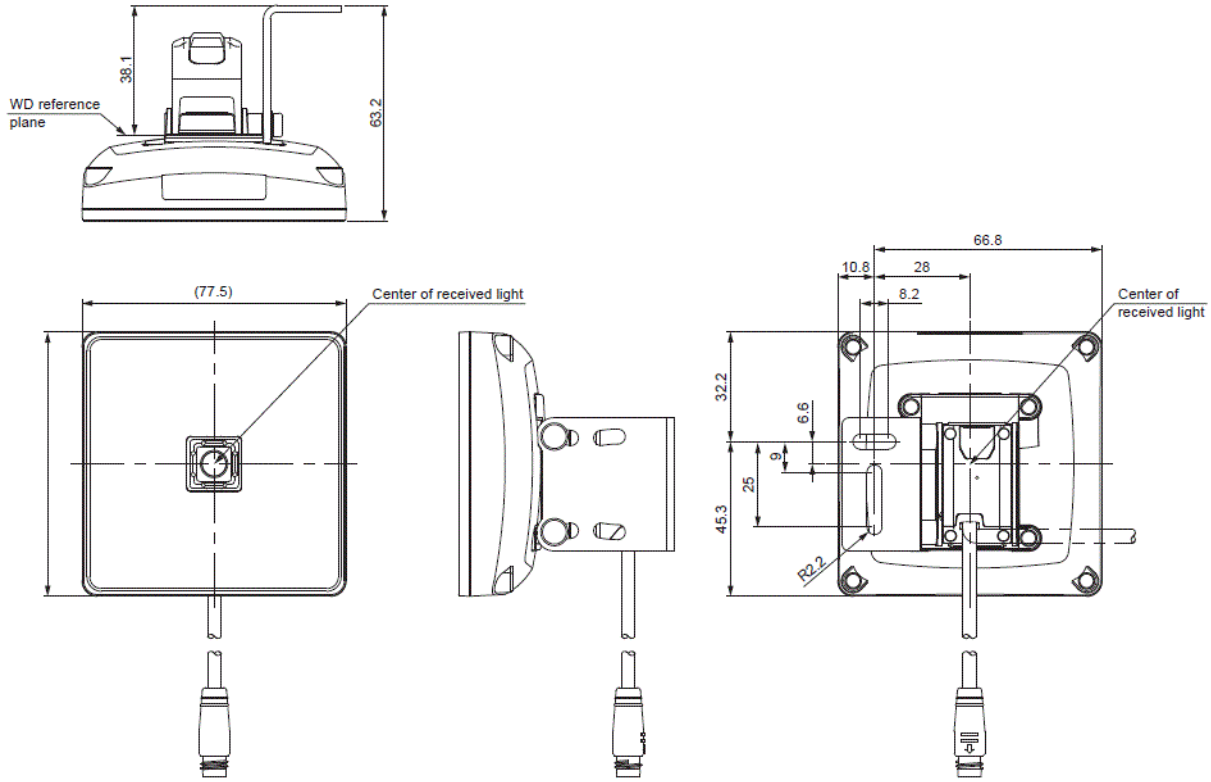


aih_d32h_88104_dimension_01.gif



aih_d32h_88105_dimension_01.gif

AI-H100/H160 + AI-D32H + OP-88105



aih_d32h_88106_dimension_01.gif

