

# GV-H130

Sensor Head Medium-distance Type

CE

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

## Specifications

| | | | |
|---|---|---|---|
| Model | | | GV-H130 |
| Type | | | Mid-range |
| Light source | | | Visible semiconductor laser, Wavelength: 655 nm |
| Laser class | FDA (CDRH) Part 1040.10 | | Class 2 (560 µW) |
| | IEC 60825-1 | | |
| | JIS C6802 | | |
| Detection distance (Amplifier display ) | | | 55 to 130 mm 2.17" to 5.12" (750 to 0)*1) |
| Possible display range | | | 768 to -98 |
| Standard detection deviation | | | 1 mm 0.04" |
| Spot diameter | | | Approx. ø0.3 mm ø0.012" (Detection distance 130 mm 5.12") |
| Operation status indicators | | | Control output: Red LED/Laser radiation emission indicator: Green LED/1 spot indicator: Green LED |
| Environmental resistance | Enclosure rating | | IP67 |
| | Operating ambientluminance | Incandescent lamp | 10000ℓx |
| | | Sunlight | 20000ℓx |
| | 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 axis |
| Material | | | Housing material: PBT, Display: Polyarylate, Metal: SUS304, Lens cover: Glass, Cable: PVC |
| Weight | | | Approx. 130 g*2 |

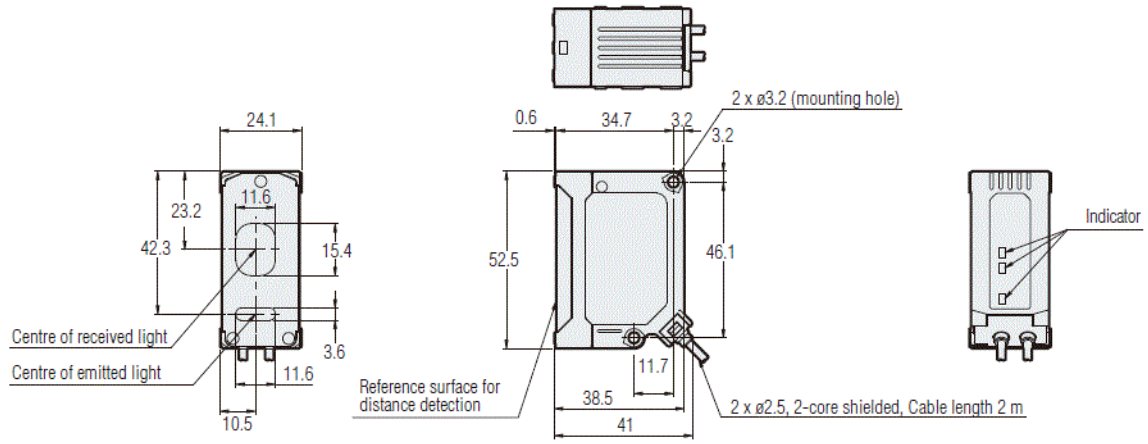
*1 General guideline for amplifier display values relative to detection distance (when distance display mode is set to normal).
*2 Including 2 m 6.6' connector cable (3 m 9.8' cable for GV-H1000)

# Dimensions

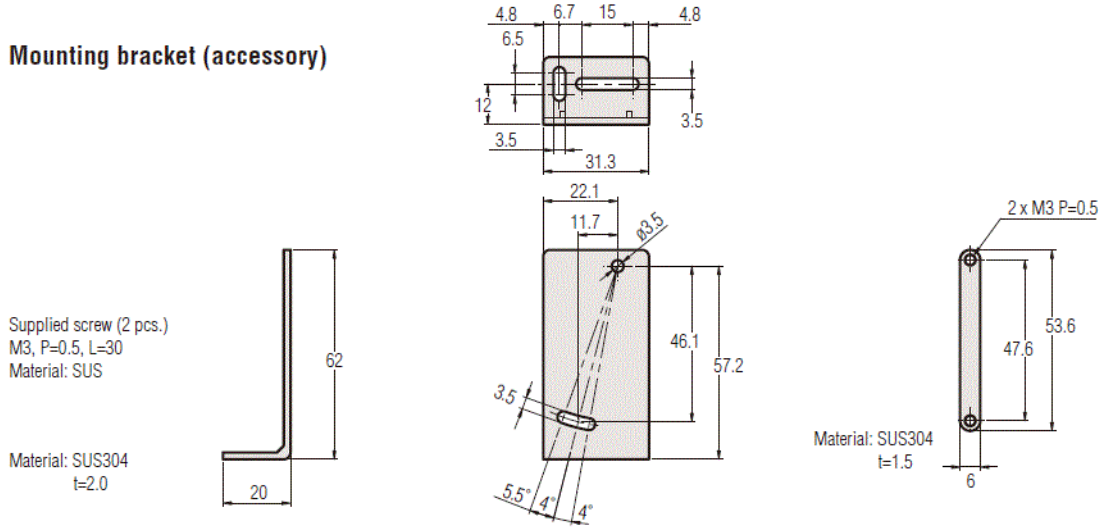
* Download CAD file or product manual for larger image/text and more detail.

SENSOR HEAD

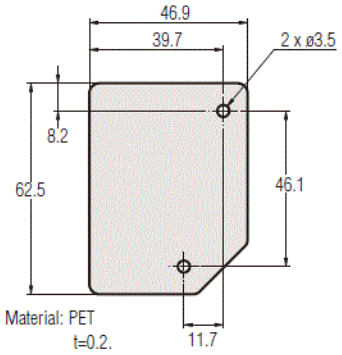
**GV-H130/GV-H130L**



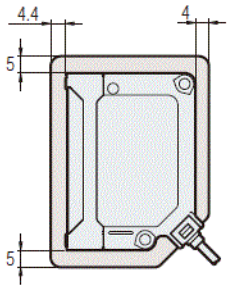

**Mounting bracket (accessory)**



### Insulation sheet (accessory)




### When the insulation sheet is attached




### When the mounting bracket is attached

