

센서 기본 사양

2D LiDAR 센서

Model name	JS-D6P1
Lidar principle	Time of Flight (ToF)
Scan method	Use a rotating mirror (laser scan type)
Light source	Semiconductor laser diode ($\lambda=905\text{nm}$)
Laser class	1 (eye-safe)
Power source	24V DC $\pm 5\%$
Interface	Ethernet
Current consumption	200mA or less (4.8W)
Angular resolution	0.12° (Laser PRF 30kHz)
Scan angle	130°
Scan time	100msec/scan (motor 10Hz)
Protective structure	IP 56
Operate temperature	-40°C ~ +80°C
Impact resistance	196m/s ² , 10times each in X, Y and Z direction
Weight	300g
External dimension(WxDxH)	120 x 120 x 80mm

1000

120 mm * 120 mm * 80 mm

기본 제공 브라켓

Harness spec

Power line : 4m
Ethernet line : 4m

Rev	Date	Revision	By	Check	Drawn	Checked	Approved	Part No	Process	Note
1	2017.09.19	Initial	J.H.VU	J.H.VU	J.H.VU	J.H.VU	J.H.VU	20 LIDAR	New	