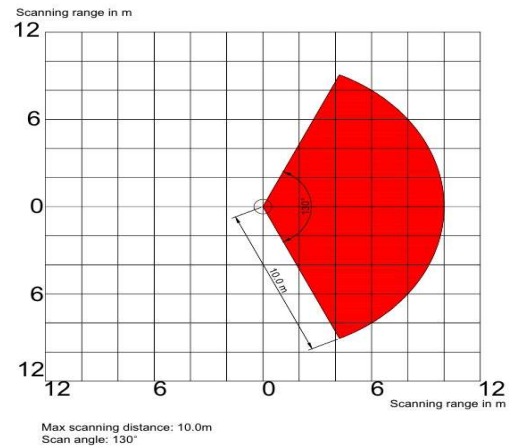


장애물 탐지용 사고예방 필수 센서

2D LiDAR 센서

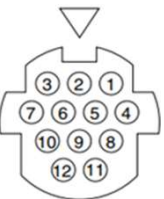
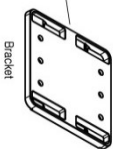
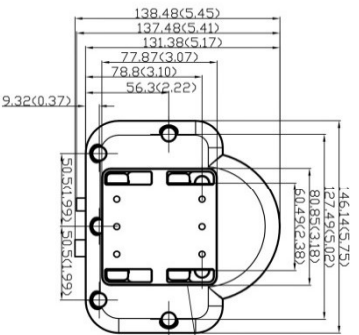
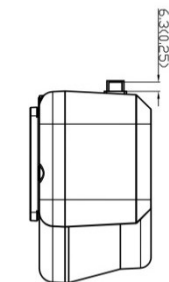
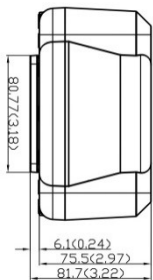
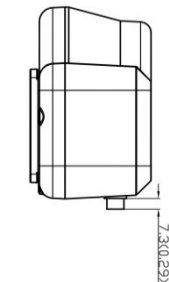
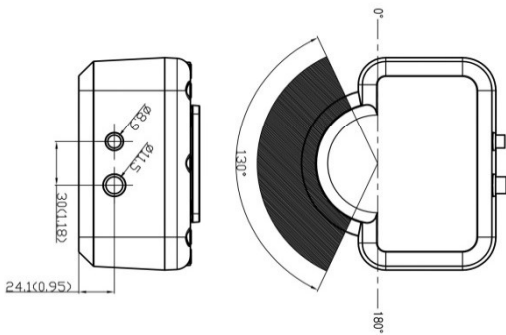
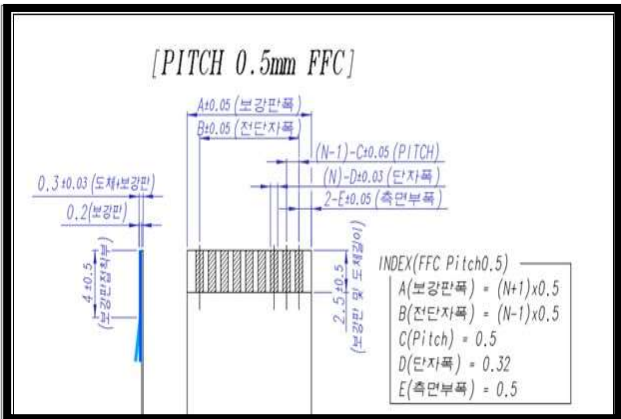


JS-M6C1

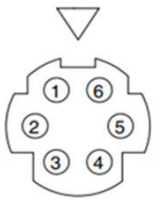
- 소형 · 경량의 장애물탐지용 국산화 센서
- 외부환경 대응(물체감지 및 속도, Zone 설정 기능(8개))

Model name	JS-M6S1
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
Distance Accuracy	10% Reflectance at 8m, White sheet at 30m(Avoid entering direct sunligy)
Current consumption	200mA or less (4.8W)
Angular resolution	0.11° (Laser PRF 33kHz)
Scan angle	130°
Scan time	100msec/scan (motor 10Hz)
Operating Temperature	-40° ~ +80°
External dimension(WxDxH)	120 x 120 x 100mm

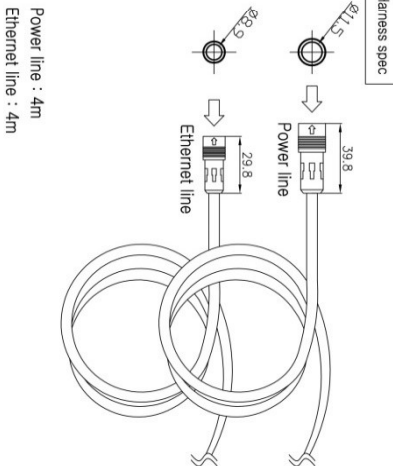
Dimensional drawing



Power line connector



Ethernet line connector



일련번호	Rev	Size	Unit	Code No.	Material	Size	QTY	Process	Note
16-018	0.05	0.1	0.1	0.2	0.3	0.4	0.5	20 Udar	
16-018	0.05	0.1	0.2	0.3	0.4	0.5	0.6	20 Udar	
16-018	0.1	0.2	0.3	0.4	0.5	0.6	0.7	20 Udar	
16-018	0.1	0.2	0.3	0.4	0.5	0.6	0.7	20 Udar	
16-018	0.1	0.2	0.3	0.4	0.5	0.6	0.7	20 Udar	
16-018	0.1	0.2	0.3	0.4	0.5	0.6	0.7	20 Udar	
16-018	0.1	0.2	0.3	0.4	0.5	0.6	0.7	20 Udar	
16-018	0.1	0.2	0.3	0.4	0.5	0.6	0.7	20 Udar	
16-018	0.1	0.2	0.3	0.4	0.5	0.6	0.7	20 Udar	
16-018	0.1	0.2	0.3	0.4	0.5	0.6	0.7	20 Udar	