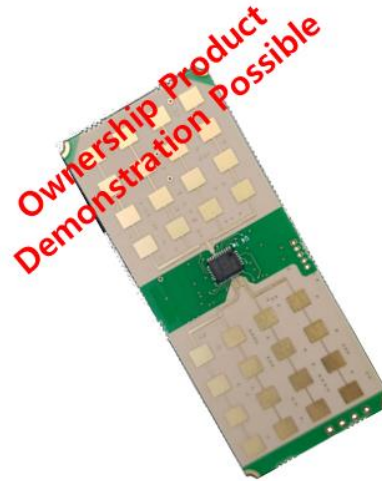
	<b>Engineering Specification</b>	페이지: 1 / 2
작성일자: 2020.05.21	MDR_01 Specification	작성자 : 라승탁


## [MDR\_01] Features

- 24GHz K-band radar
- One board solution
- Include antenna and DSP module
- Small size / Low cost
- Low power consumption
- GPIO, UART, I2C interface
- Customer friendly output
- Easily use
- CW radar



## [MDR\_01] Applications

- Lighting Control
- Intrusion Detection
- Indoor Automation
- Movement Detection

	<b>Engineering Specification</b>	페이지: 2 / 2
작성일자: 2020.05.21	MDR_01 Specification	작성자 : 라승탁

## [MDR\_01] Specification

Features	
Project name	MDR_01
Hardware size	30 x 70 mm
Transmit frequency	24.15GHz
IF outputs	Single - ended
TX power	20 dBm
Antenna gain	9 dBi
Beam width(NPBW)	Horizontal : 28° Vertical : 28°
Supply voltage / current	5 Vdc / 150 mA
Output signals	GPIO, UART, I2C
Operating temperature	-30 °C ~ 75 °C

Performance		
Detect distance	Range	Car : 40m