

	<h1>Engineering Specification</h1>	페이지: 1 / 2
작성일자: 2020.05.21	HRS_R3 Specification	작성자 : 라승탁

## [HRS\_R3] Features

- 60GHz radar
- One board solution
- Include antenna and DSP module
- Small size / Low cost
- Low power consumption
- GPIO, UART, TCP/IP interface
- Customer friendly output
- Easily use



## [HRS\_R3] Applications

- Traffic monitor
- People counting
- Human vital sensing
- Motion detect

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### [HRS\_R3] Specification

Features	
Project name	HRS_R3
Hardware size	55 x 55 mm
Transmit frequency	60GHz
IF outputs	Single - ended
TX power	25 dBm
Antenna Gain	6 dBi
Beam width(NPBW)	Horizontal : 140° Vertical : 140°
Supply voltage / current	5 Vdc / 800 mA
Output signals	GPIO, UART, TCP/IP
Operating temperature	-30 °C ~ 85 °C

Performance		
Detect distance	Range	Car : 30m