

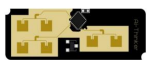
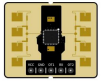



Model	Rd-01	Rd-03	Rd-03D (NEW)	Rd-03E (NEW)	Rd-04
Picture					
Package	SMD-12/DIP6	DIP-5	1*4P-1.25mm socket port	DIP-5	DIP-5
Size	35.0*18.0*3.6(±0.2)mm	20.0*20.0(±0.2)mm	15.0*44.0(±0.2)mm	28.0*24.0(±0.2)mm	15.0*15.0(±0.2)mm
Antenna	Radar : On-board PCB antenna Wi-Fi&BLE : IPEX connector	On-board PCB antenna	On-board PCB antenna	On-board PCB antenna	On-board PCB antenna
Working frequency	Radar : 24G ~24.25GHz Wi-Fi : 2400 ~ 2483.5MHz	24G ~24.25GHz	24G ~24.25GHz	24G ~24.25GH	10.275G ~10.775GHz
Chip	BL602+S3KM111L	S3KM1110	S5KM312CL	S3KM111L	XBR818
Product highlights	*Wi-Fi+Bluetooth+radar, with built-in data processing and wireless connection capabilities. *High-sensitivity sensing of micro-movement/movement/static human body state.	*Accurately identify human movement/micro-movement, add background noise check function, strong anti-interference ability, and better price.	*It can detect multiple targets in a designated area and report the results in real time. It accurately senses the motion status of the human body and the area, and is equipped with an intelligent algorithm to realize motion trajectory identification and tracking, and to measure the speed and distance of targets in the area.	*Accurate ranging. *Gesture Recognition.	*Low power consumption, low cost, can detect human objects in micro-movement and motion state.
Power supply range	supply voltage 3.0V ~ 3.6V , supply current ≥500mA	supply voltage 3.0V ~ 3.6V , supply current ≥200mA	supply voltage 5V , supply current ≥200mA	supply voltage 5V , supply current ≥200mA	supply voltage 3.0V ~ 3.6V , supply current ≥100mA
Interface	UART/GPIO/ADC/PWM/I2C/SPI	UART	UART	UART	IIC
Operating temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Storage temperature	-40°C ~ 125°C, < 90%RH	-40°C ~ 125°C, < 90%RH	-40°C ~ 125°C, < 90%RH	-40°C ~ 125°C, < 90%RH	-40°C ~ 125°C, < 90%RH
IO	8	1	NA	1	2
Serial port rate	Default 256000bps	Default 115200bps	Default 256000bps	Default 256000bps	*
Security	WPS/WEP/WPA/WPA2 Personal/WPA3	*	*	*	*
Flash	Default 2MByte	*	*	*	*
Application scenario	Smart home, smart security, smart lighting, smart business, new energy charging/parking monitoring facilities and other fields.	Smart home, smart security, smart lighting, smart business, new energy charging/parking monitoring facilities and other fields.	Smart home, smart business, bathroom, smart lighting.	Smart home appliances, smart business, smart security, smart lighting.	Smart home, smart security, smart switch lighting and other fields.