



SRM-S-DL+

Swappable Radio Module

The SRM (Swappable radio module) radios are a US government standard for defense robotics. The SRM-S-DL radio uses Doodle Labs radios compatible with the Mini OEM form factor. Doodle Labs radios are designed in California and are manufactured in Singapore. They can be purchased with a 256-bit AES encryption to deliver a maximum throughput of 80 Mbps.

Mechanical

Finish	Black Anodized Aluminum
Weight	0.57 lbs / 260 g
Dimension	From 2.64 × 3.19 × 1.25 inches / 67 × 81 × 32 mm (W x H x D)
Mounting	On GCS/SBCM/ Molle dock available

Environmental

Ruggedization	Build to MIL-STD-810-H
Ingress rating	IP65
Compliance	CE compliant (depending on radio card)

Radio Models Supported

Model	Code	Frequency
Dual-Band	RM-1700-22M3	2.4GHz + 900MHz
Helix (L+S Band)	RM-2100-42M3	1.35GHz-2.51GHz
Helix (M1-M6 Hex Bands)	RM-2025-62M3	1.625GHz-2.51GHz
Wifi	RM-2450-12M3	2.4GHz
Japan Robotics	RM-5700-2LSX-SA-ST	5.65GHz -5.755GHz

Suggested Accessories

Development	Molle Dock Development, 1x DC Barrel Jack Connector, 1x USB 2.0 Type A
Mounts	Molle Dock 1m Nett warrior
Battery	Twist-on

Electrical

Voltage Requirements	5.5V-20V DC
Power consumption	Max 15W
Current	3A Max

Product HID

Antenna Connections	2 x TNC connectors
Data and Power	SRM Sledge, Status LED, Twist-on battery connection
Expand-ability	Micro SD card slot

