

IoT Devices

Laird Connectivity's IoT Devices extend our industry-leading wireless expertise to off-the-shelf sensors and gateways. Our solutions help customers quickly, reliably, and securely deploy industrial, medical, or smart building IoT applications. Choose from a variety of battery-powered, wireless, environmental, or probe sensors using LoRaWAN or Bluetooth 5, and keep control of your data from sensor to cloud with our gateways' native integrations to your cloud platform, including AWS, Azure, The Things Network, Actility, and others.



	Sentrius™ IG60	Sentrius™ RG1xx Gateway	Sentrius™ RS1xx Temp Sensor	Sentrius™ RS1xx and External Temp Probe	Sentrius™ BT510 Sensor
Chipset	Atmel/Microchip SAMA5D36 Cortex and Marvell 88W8997/88PG823	Semtech Sx1301/1257 and CSR8811, QCA6004	Semtech Sx1272 and Nordic nRF51822	Semtech Sx1272 and Nordic nRF51822	Nordic nRF52840
Wireless Protocol	Wi-Fi + BT5 (LTE coming soon)	LoRaWAN + BT/BLE + Wi-Fi	LoRaWAN + BLE	LoRaWAN + BLE	Bluetooth 5
Size	85 mm x 22 mm x 100 mm	133 mm x 275 mm x 30 mm	116 mm x 91 mm x 34 mm	116 mm x 91 mm x 34 mm	80 mm x 51 mm x 19mm
Operating Temperature Range	-30° to +85°C (-22° to +185° F)	-30° to +70°C	-25° to +50°C	-25° to +50°C (external probe capable of -55 to +125°C)	-20 to 60°C (-40 to 85°C with alternate battery)
Software	Laird Linux, AWS IoT Greengrass, Smartphone app	Onboard configuration and management software	Smartphone app for sensor configuration and monitoring	Smartphone app for sensor configuration and monitoring	Temperature, Acceleration, Proximity, and Contact Sensing
Certifications	FCC, IC, CE, UL/IEC62368	FCC, IC, CE, ASNZS, NCC	FCC, IC, CE, ASNZS, NCC, and Bluetooth SIG	FCC, IC, CE, ASNZS, NCC, and Bluetooth SIG	FCC, IC, CE, MIC, RCM, Bluetooth SIG