

# STREAM



2024-10 v1

## Versatile low-cost transceiver package

The STREAM product line contains a series of versatile, low-cost transceiver packages, that enable end-users to send and receive data via the Iridium Satellite Constellation, anywhere on the planet. STREAM transceivers are available in several variants (STREAM 200, 210, 211), which provide end-users with flexible integration options to suit varying design requirements. All STREAM variants come equipped with an Iridium 9603N transceiver, serial communications module, and a power entry support for various OEM engineering systems and hardware/software development applications where cellular connectivity is unreliable.

Iridium is the only satellite constellation that consistently and reliably transmits data from any location on the Earth. STREAM delivers data transmit options for various applications including asset tracking, remote communications, and industrial controls and monitoring.



**STREAM 200**

### Key features

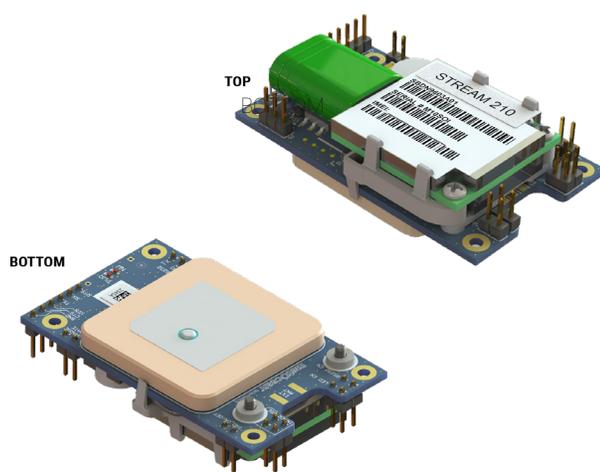
- True global coverage
- Plug and play satellite communication
- Low latency with Iridium satellite telemetry

Empowering Data Connectivity, Everywhere.

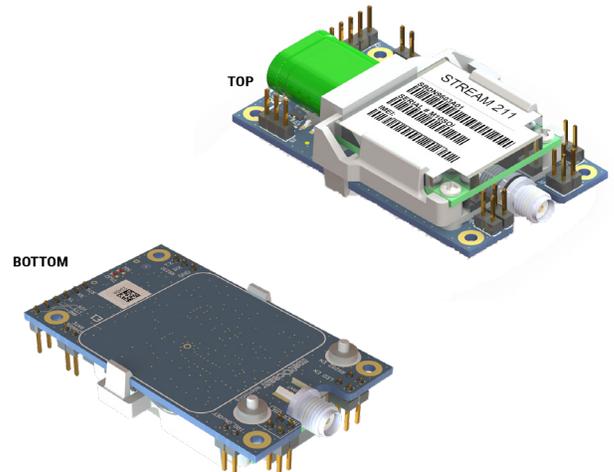
# STREAM TECHNICAL SPECIFICATIONS

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PHYSICAL PROPERTIES			
	STREAM 200	STREAM 210	STREAM 211
Dimensions	95.4mm x 95.4mm x 27.3mm 3.76" x 3.76" x 1.09"	40mm x 64mm x 17.9mm 1.58" x 2.52" x 0.70"	42mm x 66mm x 17.9mm 1.652" x 2.585" x 0.70"
Mass	125g	52g	36g
Connector	5 Pin Panel Mount, Receptacle, Male Pins. Bayonet Lock	0.1" spacing male pins	0.1" spacing male pins
ENVIRONMENTAL PROPERTIES			
Storage Temperature	-40°C to 85°C -40 °F to 185 °F	-40°C to 85°C -40 °F to 185 °F	-40°C to 85°C -40 °F to 185 °F
Operating Temperature	-40°C to 70°C -40 °F to 158 °F	-40°C to 70°C -40 °F to 158 °F	-40°C to 70°C -40 °F to 158 °F
Ingress Protection	IP67	N/A	N/A
Testing	ISED, FCC, Iridium	ISED, FCC, Iridium	ISED, FCC, Iridium
POWER			
Input Voltage	4.5V - 40V	4.5V - 40V	4.5V - 40V
Standby Current	17mA @12V	17mA @12V	17mA @12V
Transmit Current	175mA @12V	175mA @12V	175mA @12V
COMMUNICATION			
Serial	RS-232	RS-232, UART (3.3V CMOS)	RS-232, UART (3.3V CMOS)
Iridium Modem	9603N Short Burst Transceiver	9603N Short Burst Transceiver	9603N Short Burst Transceiver
Iridium Antenna	Patch antenna	Patch antenna	External antenna



**STREAM 210**



**STREAM 211**

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