

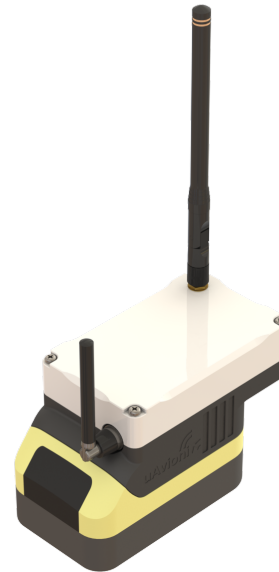


SkyStation5060LTE

Mobile Battery Powered C-Band Ground Radio System

Overview

SkyStation5060LTE revolutionizes the take-off and landing zone (LZ) ground radio system (GRS) by providing an easy to setup, battery powered, portable design with an integrated LTE radio. SkyStation5060LTE also offers UAS operators reliable platform control using aviation-protected spectrum. SkyStation5060LTE integrates seamlessly with uAvionix SkyLine Cloud Managed BVLOS Service including automatic registration. Using commercial off the shelf (COTS) battery solutions and tripod mounting equipment minimizes cost and complexity for LZ teams.



Features

- Integrated Global LTE Cat 1 radio exclusively for Command Non-Payload Control (CNPC).
- Integrated C-Band (5030-5091 MHz) ground radio system.
- Integrated eSIM with out of the box Hologram global service (with optional nanoSIM card support).
- Automatic GRS registration with SkyLine Cloud Managed BVLOS Service.
- Ethernet reprogramming and configuration interface.
- Commercial off the shelf (COTS) Dewalt 20V MAX POWER STACK integration.
- Mounts on standard tripod with 1/4-20 bolts.

Regulatory

- FCC 47 CFR Part 87
ID 2AFFTC2XCPO (in process)
- LTE FCC ID: XPYUBX21BE01

Technical Specifications

Parameter	Value
Input Voltage	20 V
Size (without battery)	108 x 61 x 47 mm
Weight (without battery)	65 grams
Operating Temp	-45 to 70°C
C-Band Radio	
Band	C-Band: 5030 to 5091 MHz
Architecture	1R1T
Transmit Power	100 mW (0.4 W IEIRP)
Bandwidth	210 kHz
Sensitivity	-113.5 dBm
LTE Radio	
Service	Global LTE Cat 1
LTE FDD Bands	1, 2, 3, 4, 7, 8, 12, 13, 18, 19, 20, 26, 28
LTE TDD Bands	38, 39, 40, 41
SIM	Global IoT eSIM
External Interfaces	
Ethernet	
Interface	RJ-45
Protocols	HTTP, TCP

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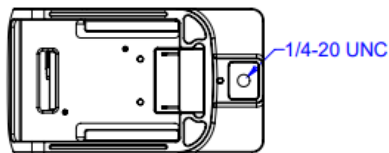
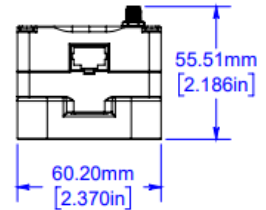
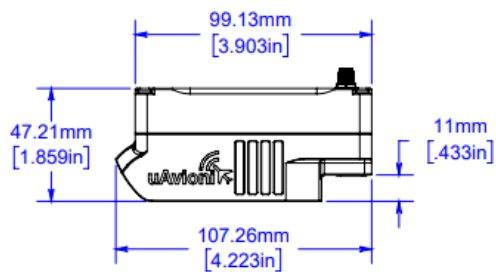
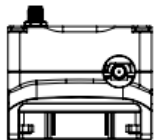
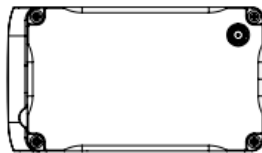
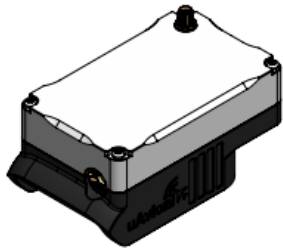
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Mechanical Specifications



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