



SkyStation915LTE

Mobile Battery Powered ISM Band Ground Radio System

Overview

SkyStation915LTE 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. SkyStation915LTE 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 ISM band (902-928 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

- microLink FCC 47 CFR Part 15.247 ID: 2AFFTC2XISM
- LTE FCC ID: XPYUBX21BE01

Technical Specifications

Parameter	Value
Input Voltage	20 VDC
Size	14 x 51 x 71 mm
Weight	65 grams
Operating Temp	-45 to 70°C
ISM Band Radio	
Band	902-928 MHz ISM Band
Architecture	2X MIMO Radio Diversity
Transmit Power	1W (4W IEIRP)
Spreading	Code and Frequency
Bandwidth	200 kHz
Sensitivity	-118 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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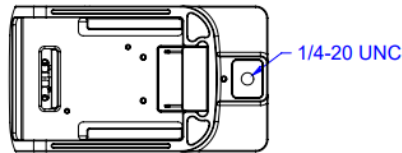
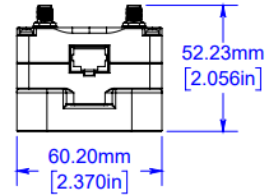
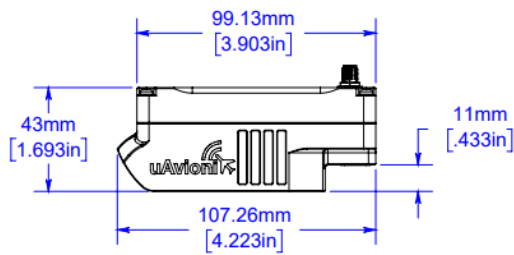
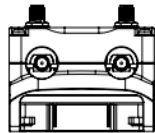
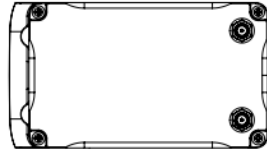
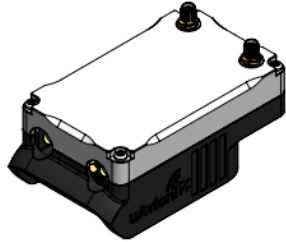
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Mechanical Specification



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