



Hylio GroundLink Spec Sheet - Metric

System Specifications	
Processor	13th Gen Intel® Core™ i5-1335UE (10 cores, 12 threads, up to 4.5 GHz)
Operating System	Windows 11 Home, English
Graphics	Intel® Iris® Xe Graphics
Memory	2 x 8 GB = 16 GB, DDR5, 5600 MT/s
Storage	512 GB, M.2, PCIe NVMe, SSD
Display	13.3", 10 Point Touch, 1920 x 1080, 60 Hz, 1000 nit, 8-bit Color
Audio	Stereo Speakers with Realtek ALC256, 2 W x 2 = 4 W total
External Interface	1 x USB4/Thunderbolt™ 4 (5 V/3 A, Supports DP2.1a Display Output)
Hardware Specifications	
Chassis	High-Impact ABS Plastic, Obsidian Black
Physical Inputs	2 x 2-axis and 2 x 1-axis Joysticks, 2 x 4 Action Buttons (Illuminated Each Side)
Indicator Lights	1 x Power Button LED, 1 x Charging Status LED, 5 x Battery Level LEDs
Connectivity Lights	1 x Cellular Status LED, 2 x Data Rate LEDs, 3 x UAS Link Health LEDs
Hard Points	4 x M3 Screw Mount, 140 x 102 mm
Strap Hooks	4 x Each Corner of the Chassis
Dimensions	412.5 x 251.4 x 54.8 mm (Antennas Folded), 39.5 mm Thin (Excluding Joysticks)
Weight	2650 g (Including Antennas)
General Connectivity	
Wi-Fi	Intel® Wi-Fi 6E AX210, 2 x 2, 802.11ax, MU-MIMO
Bluetooth	Bluetooth® 5.3
Antennas	2 x Tri-Band, 5.3 dBi, 2.45 GHz, 5.5125 GHz, 6.525 GHz Internal Antenna
Cellular Connectivity	
Cellular Provider	Verizon
4G LTE	Bands 2, 4, 13, Max Download 150 Mbps, Max Upload 50 Mbps
3G WCDMA	Bands 1, 2, 4, 8, Max Download 42 Mbps, Max Upload 5.7 Mbps
2G GSM	Bands 2, 3, 5, 8, Max Download 296 Kbps, Max Upload 236.8 Kbps
Antennas	2 x Tri-Band, 4 dBi, 829 MHz, 1.94 GHz, 2.5 GHz Internal Antenna
UAS Connectivity	
Simultaneous Connections	3 UAS Swarm
Frequency	2402 - 2482 MHz
Transmission Power	15 dBm
Channel Bandwidth	4 MHz for 1 UAS or 2 UAS Swarm, 8 MHz for 3 UAS Swarm
Receive Sensitivity	-102.5 dBm at 4 MHz, -99.5 dBm at 8 MHz
Error Detection	CRC, ARQ
Data Encryption	AES 256-bit
Range	Max Unobstructed: 30 km Typical Rural Operation Setting: 5 km With Cellular Connectivity: Unlimited (Only Restricted by Cellular Coverage)
Antennas	2 x 4.5 dBi, 2.45 GHz Dipole Antenna



Battery	
Capacity	14.4 V, 10000 mAh, 144 WHr Integrated Li-ion
Endurance	Up to 7 hours (50% Brightness, Multimedia Usage on Wi-Fi)
Charging	2 hours to Full Charge, 1 hour from 20% to 80%
Charger	
Input Voltage	90 - 264 V AC
Input Frequency	47 - 63 Hz
Output Voltage	19 V
Output Power	150 W
Dimensions	151.3 x 75.8 x 25.4 mm
Weight	300 g (Including DC Power Cable)
Cable Lengths	1.5 m DC Power Cable, 2 m AC Power Cable
Weather	
Ingress Protection Rating	IP67
Operating Temperature	-20 to 70 °C
Storage Temperature	-30 to 80 °C
Ambient Humidity	90% RH
Regulatory	
NDAA Compliance	FY2019 NDAA Sec. 889 Compliant, FY2020 NDAA Sec. 848 Compliant
FCC Compliance	FCC Part 15 Compliant