

LTU Rocket



Mechanical

Dimensions	244 x 82 x 48 mm (9.61 x 3.23 x 1.89")
Weight	486 g (1.03 lb)
Enclosure materials	Diecast aluminum, polycarbonate
Mounting	Integrated pole mount (Kit included) GPS pole mount (Kit included) Rocket mount compatible
Weatherproofing	IP67

Hardware

Networking interface	(2) GbE RJ45 ports
Power method	Passive PoE 4-Pair (Pins 1, 2; 4, 5+ and Pins 3, 6; 7, 8-)
Power supply	24V, 1A Gigabit PoE adapter (Included)
Supported voltage range	18–54V DC
Max. power consumption	15W
RF connections	(2) RP-SMA weatherproof (CH0, CH1) (1) SMA weatherproof (GPS)
GPS	Yes
GPS antenna	External magnetic base
Button	Factory reset
Operating temperature	-40 to 55° C (-40 to 131° F)
Operating humidity	5 to 95% noncondensing
Certifications	FCC, IC, CE

Software

Mode	PtMP BaseStation radio
Services	SNMP, SSH, dynamic DNS, webserver, remote log, ping watchdog
Utilities	airView®, speed test, alignment, discovery, ping, traceroute, cable test, constellation
Auto distance adjustment	Yes
Auto power adjustment	Yes
Security	Yes
Statical reporting	Yes
Management interface	Bluetooth management for easy setup over UISP Mobile app WEB UI
Minimum software requirements	Any modern web browser iOS™ or Android™ based smartphone

System

Maximum throughput	900+ Mbps* <small>*FW version 2.30 and later.</small>
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Packets per second	2+ million
Max. range	100+ km* <small>*Throughput and range values may vary depending on the environmental conditions.</small>
Supported clients count	100+
Encryption	WPA2-PSK (AES)
Uplink/Downlink ratio	25/75, 33/67, 50/50

RF

Operating frequency*	US/CA	U-NII-1	5150 - 5250 MHz
		U-NII-2A	5250 - 5350 MHz
		U-NII-2C	5470 - 5725 MHz
		U-NII-3	5725 - 5850 MHz
	Worldwide		4800 - 6200 MHz

*Depends on regulatory region.

Max. conducted TX power	29 dBm
Channel bandwidth	10/20/30/40/50/60/80/100 MHz* selectable Programmable uplink and downlink duty cycles <small>*FW version 2.3.0 and later.</small>
Management radio	2400 - 2483.5 MHz

