

## 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	<ul><li>(2) RP-SMA weatherproof (CH0, CH1)</li><li>(1) SMA weatherproof (GPS)</li></ul>		
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\* \*FW version 2.3.0 and later.

Packets per second	2+ million
Max. range	100+ km* "Throughput and range values may vary depending on the environmental conditions.
Supported clients count	100+
Encryption	WPA2-PSK (AES)
Uplink/Downlink ratio	25/75, 33/67, 50/50

RF

	Programmable uplink and do *FW version 230 and later.	Programmable uplink and downlink duty cycles *FW version 230 and later.			
Channel bandwidth	10/20/30/40/50/60/80/100 M	10/20/30/40/50/60/80/100 MHz* selectable			
Max. conducted TX power	29 dBm				
	*Depends on regulatory region.				
	Worldwide		4800 - 6200 MHz		
		U-NII-3	5725 - 5850 MH		
	US/CA	U-NII-2C	5470 - 5725 MHz		
		U-NII-2A	5250 - 5350 MHz		
Operating frequency*		U-NII-1	5150 - 5250 MHz		

Management radio

2400 - 2483.5 MHz

Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at www.ui.com/support/warranty

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