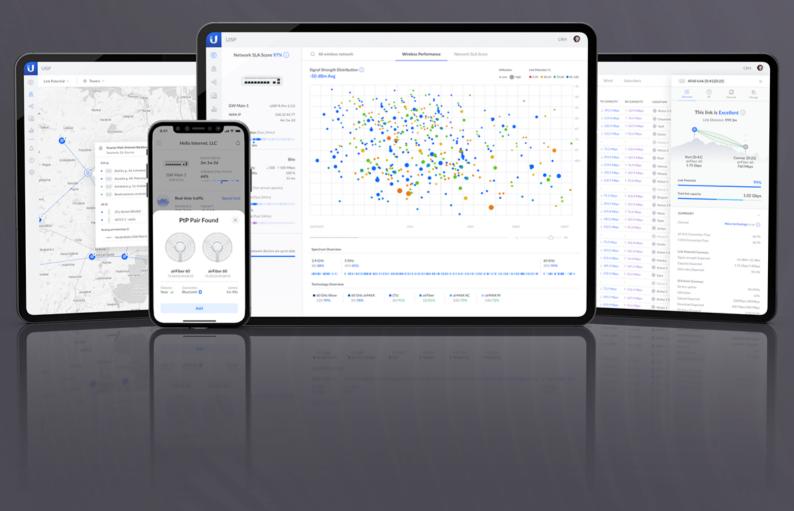# U®ISP

UISP LTE

High-Performance Antenna providing Long-Range LTE Connectivity in an Outdoor Industrial Design.
Managed through the UISP™ dashboard or Mobile App.

Mechanical

Dimensions	508 x 384 x 246 mm (20 x 15.11 x 9.69")
Weight	Without Mount: 1.26 kg (2.78 lb) With Mount: 1.68 kg (3.7 lb)
Enclosure Materials	UV Stabilized Polycarbonate, Aluminum Alloy
Mount Material	UV Stabilized Polycarbonate

Hardware

Networking Interfaces	10/100/1000 Mbps RJ45 Port
Management Interface	Ethernet Bluetooth BLE
Processor	QCA9563 775 MHz
System Memory	128 MB DDR2
On-Board Flash Storage	4 GB eMMC
RF Connections	Internal
SIM	Nano-SIM

LTE Bands		
	US/Canada	FDD-LTE Band 2, 4, 5, 12 (AT&T Network Ready)
	EU	FDD-LTE Band 1, 3, 7, 8, 20, 28
	All Models	LTE CAT4

LEDs	Power/LTE/Ethernet/GPS
Power Method	Passive PoE (Pairs 4, 5+; 7, 8-)
Power Supply	24VDC, 0.5A Power Adapter (Included)
Supported Voltage Range	22 - 26VDC
Max. Power Consumption	9W
ESD/EMP Protection	Air/Contact: ± 24 kV
Operating Temperature	-40 to 60° C (-40 to 140° F)
Operating Humidity	5 to 95% Noncondensing
Certifications	CE, FCC, IC

Software

OS	UbiOS
Operating Modes	LTE Modem/Router
Ubiquiti Specific Features	Discovery Protocol, UISP Features
Dashboard	Yes
Wireless Settings	Yes
Network Settings	Yes

System	Yes
Services	UISP, NTP Client, System Log, Device Discovery
Tools	Discovery Utility, Trace Route, Speed Test
Software Management	Bluetooth Management for Easy Setup Over UISP App
Minimum Software Requirements	Any Modern Web Browser, Mobile App

RF

Beamwidth

		0.7-0.9 GHz	1.7-2.2 GHz	2.5-2.7 GHz
3 dB	Azimuth	50°	15°	13°
	Elevation	52°	16°	15°
6 dB	Azimuth	81°	21°	20°
	Elevation	80°	22°	21°