



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 | <table border="1"><tr><td>US/Canada</td><td>FDD-LTE Band 2, 4, 5, 12 (AT&T Network Ready)</td></tr><tr><td>EU</td><td>FDD-LTE Band 1, 3, 7, 8, 20, 28</td></tr><tr><td>All Models</td><td>LTE CAT4</td></tr></table> | 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 |
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| 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° |

