

## LTU Long-Range



## Mechanical

|                    |                                                                 |
|--------------------|-----------------------------------------------------------------|
| Dimensions         | 512.5 x 385.75 x 258.3 mm (20.18 x 15.19 x 10.17")              |
| Weight             | Without mount: 1.36 kg (2.9 lb)<br>With mount: 1.74 kg (3.8 lb) |
| Enclosure material | Outdoor UV-stabilized polycarbonate                             |
| Mount materials    | Polycarbonate, metal                                            |
| Mounting           | Pole-mount (Kit included)                                       |
| Wind loading       | 550 N at 200 km/h (123.6 lbf at 125 mph)                        |
| Wind survivability | 200 km/h (125 mph)                                              |

## Hardware

|                         |                                          |
|-------------------------|------------------------------------------|
| Networking interface    | (1) GbE RJ45 port                        |
| Power method            | 24V passive PoE (Pairs 4, 5+; 7, 8-)     |
| Power supply            | 24V, 0.5A Gigabit PoE adapter (Included) |
| Supported voltage range | 22–26V                                   |
| Max. power consumption  | 8.5W                                     |
| ESD/EMP protection      | Air/contact: $\pm 24\text{kV}$           |
| Button                  | Factory reset                            |
| Operating temperature   | -40 to 60° C (-40 to 140° F)             |
| Operating humidity      | 5 to 95% noncondensing                   |
| Certifications          | FCC, IC, CE                              |

## Software

|                               |                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------|
| Modes                         | PtMP CPE, PtP<br><small>*1.5.1 and later 1.5x series firmware.</small>                               |
| Services                      | SNMP, SSH, dynamic DNS, webserver, remote log, ping watchdog                                         |
| Utilities                     | airView <sup>®</sup> , speed test, alignment, discovery, ping, traceroute, cable test, constellation |
| Auto distance adjustment      | Yes                                                                                                  |
| Power adjustment              | Yes                                                                                                  |
| Network                       | Bridge/Router* mode<br><small>*Router mode is available in PtMP CPE mode only.</small>               |
| Security                      | Yes                                                                                                  |
| Management interface          | Bluetooth management for easy setup over UISP App<br>WEB UI                                          |
| Minimum software requirements | Any modern web browser<br>iOS™ or Android™ based smartphone                                          |

## System

|                    |                                                          |
|--------------------|----------------------------------------------------------|
| Maximum throughput | 900+ Mbps*<br><small>*FW version 2.30 and later.</small> |
|--------------------|----------------------------------------------------------|



|                       |                     |
|-----------------------|---------------------|
| 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.

|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| Management radio        | 2400 - 2483.5 MHz                                                           |
| Max. conducted TX power | 22 dBm (Per chain)                                                          |
| Channel bandwidth       | 10/20/30/40/50/60/80/100 MHz*<br><small>*FW version 2.30 and later.</small> |
| Antenna gain            | 26 dBi                                                                      |



Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at [www.ui.com/support/warranty](http://www.ui.com/support/warranty)

©2023 Ubiquiti Inc. All rights reserved. Ubiquiti, Ubiquiti Networks, the Ubiquiti U logo, LTU and UISP are trademarks or registered trademarks of Ubiquiti Inc. in the United States and in other countries. Android is a trademark of Google LLC. All other trademarks are the property of their respective owners.