

## LTU XR



## Mechanical

Dimensions	747 x 525 x 347 mm (29.4 x 20.7 x 13.7")
Weight	3.2 kg (7.1 lb)
Enclosure materials	Aluminum alloy, UV-stabilized polycarbonate
Mount material	UV-stabilized polycarbonate
Mount	Integrated pole mount (included) Pole compatibility: Ø35-60 mm (Ø1.38-2.36")
Wind loading	1100 N at 200 km/h (247.29 lbf at 125 mph)
Weatherproofing	IPX6

## Hardware

Networking interfaces	(1) GbE RJ45 port
Button	Factory reset
LEDs	Power/ethernet
RF connections	Internal
Max. power consumption	8.5W
Power method	Passive PoE 2-pair (4, 5+; 7, 8-)
Power supply	24V DC, 0.5A Gigabit PoE adapter (included)
Supported voltage range	22–26V DC
Operating temperature	-40 to 55° C (-40 to 131° F)
Operating humidity	5 to 95% non-condensing
Certifications	FCC, IC, CE

## System

Maximum throughput	900+ Mbps* <small>*FW version 2.30 and later.</small>
Encryption	WPA2-PSK (AES)
Uplink/downlink ratio	25/75, 33/67, 50/50

## Software

OS	airOS®
Modes	PtMP CPE only
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
Network	Router mode
Security	Yes



Statical reporting	Yes
Management interface	Bluetooth management for easy setup over UISP App WEB UI
Minimum software requirements	Modern Web browser or Android/iOS smartphone

**RF**

Operating frequency*	5.15 to 5.95 GHz <small>*Depends on regulatory region.</small>
Max. conducted TX power	22 dBm per Chain
Channel bandwidth	10/20/30/40/50/60/80/100 MHz* <small>*FW version 2.3.0 and later.</small>
Antenna Gain	29 dBi
Isolation	20 dB
Beamwidth	HPOL: 3 dB: 5.5°, 6 dB: 7.5° VPOL: 3 dB: 5.5°, 6 dB: 7.5° Elevation: 3 dB: 5.5°, 6 dB: 7.5°
Electrical downtilt	0°

