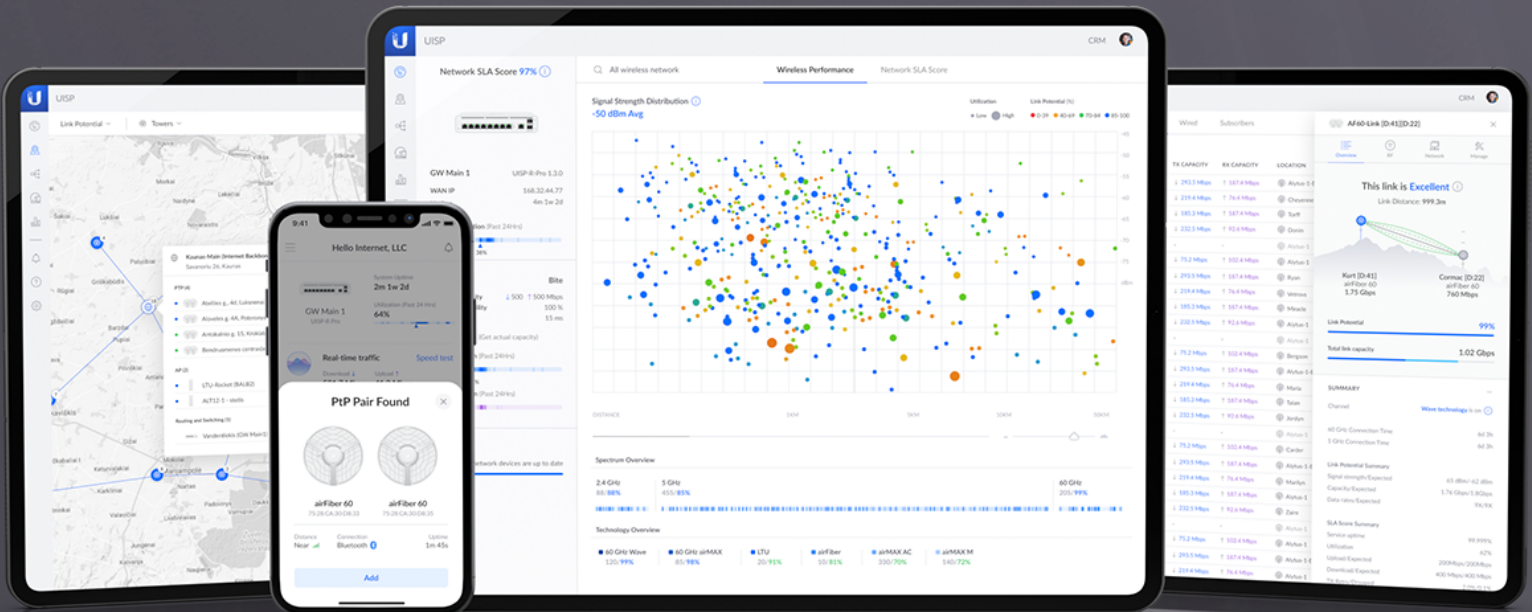




# UISP



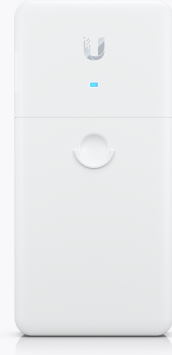
# Long-Range Ethernet Repeater

Long-range Gigabit Ethernet adapter that receives 802.3af/at PoE/PoE+ and offers passthrough PoE output.

The Long-Range Indoor/Outdoor Repeater (UACC LRE) is Gigabit adapter that allows you to easily and inexpensively expand your Ethernet network's range. With its (2) GbE RJ45 ports, the UACC LRE can receive 802.3af/at PoE/PoE+ while providing passthrough PoE output. You can also chain multiple UACC LRE adapters together to connect access points and cameras that are far away from your PoE switch. The UACC LRE also offers 10kA+ surge protection and works reliably in extreme temperatures (-40 to 80° C) to protect your deployment from weather and electrical damage. Supports up to 1 km link distances\*.

\* 1 km link distances are only possible for devices with a max power consumption of 7W or less.

Deployment tested: (9) daisy-chained UACC LRE units connected to an endpoint device (e.g., camera, AP) using (10) 100m UISP Cable Pros, all powered a by UniFi PoE+ switch.



## Mechanical

|                    |  |
|--------------------|--|
| Dimensions         | 196.5 x 93.5 x 39 mm ( 7.7 x 3.7 x 1.5") |
| Weight             | 350 g (12.3 oz)                          |
| Enclosure material | UV stabilized polycarbonate              |
| Mounting material  | Stainless steel                          |
| Weatherproofing    | IPX5                                     |

## Hardware

|   |  |
|---|--|
| Networking interfaces                     | (2) GbE RJ45 ports                                   |
| Power method                              | 802.3af/at PoE/PoE+ 2-pairs (pins 1, 2+; 3, 6-)      |
| Max power consumption (excluding PoE out) | 1.5W   |
| Voltage range                             | 37 to 57VDC  |
| PoE interfaces                            | (1) Passthrough PoE output 2-pairs (pins 1,2+; 3,6-) |
| ESD/EMP protection                        | Air/contact: ± 30kV                                  |
| DC sparkover voltage                      | 90V at 100V/s  |
| Max. impulse sparkover voltage            | 700V at 1kV/μs                                       |
| Discharge current                         | 10kA+  |
| Modes                                     | Long-range indoor<br>Outdoor ethernet repeater       |
| Operating temperature                     | -40 to 80° C (-40 to 176° F)                         |
| Operating humidity                        | 10 to 95% noncondensing                              |
| Certifications                            | CE, FCC, IC  |

## LEDs

|          |                                       |
|----------|---------------------------------------|
| System   | (1) Blue: power ON                    |
| Ethernet | (2) Green: 1 Gbps, Amber: 10/100 Mbps |
| PoE      | (1) Amber: passthrough PoE out        |



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)

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