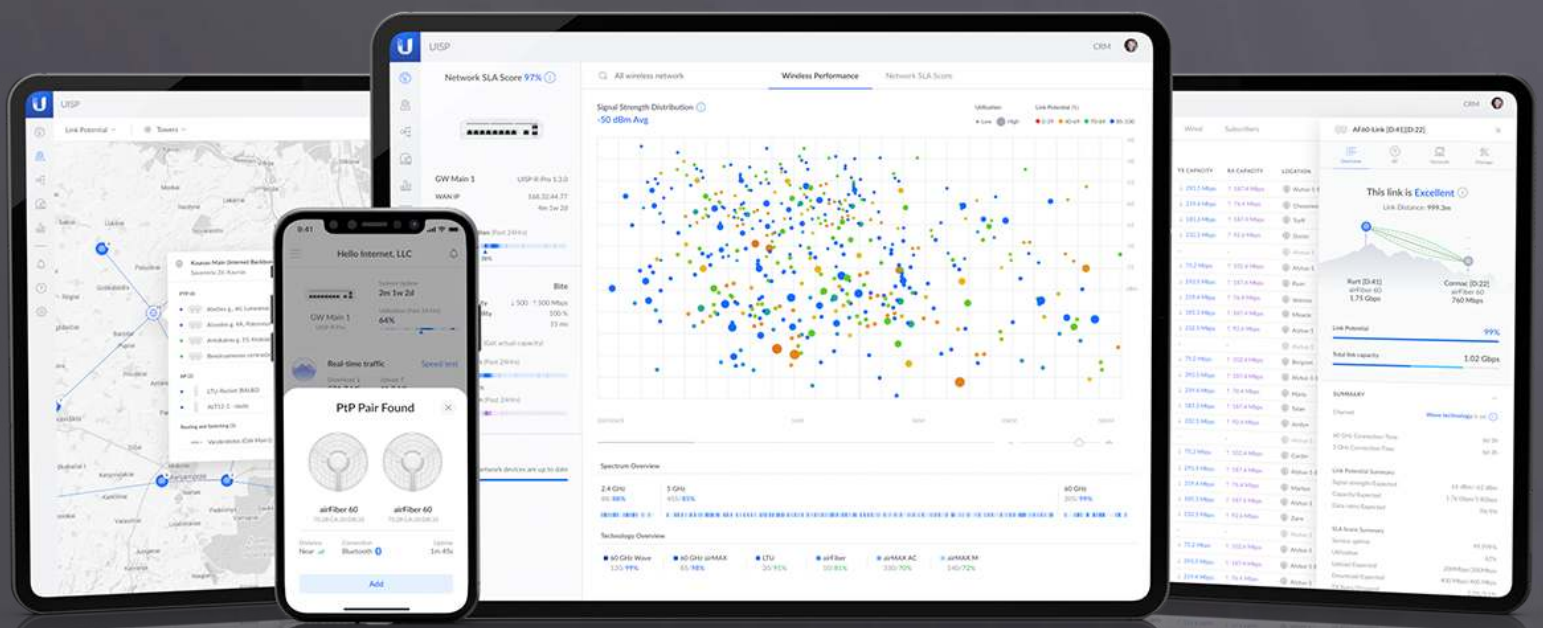
Datasheet
UACC-LRE

UISP



Long-range Ethernet Repeater (up to 1 km link distances*)

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.

** 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 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

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