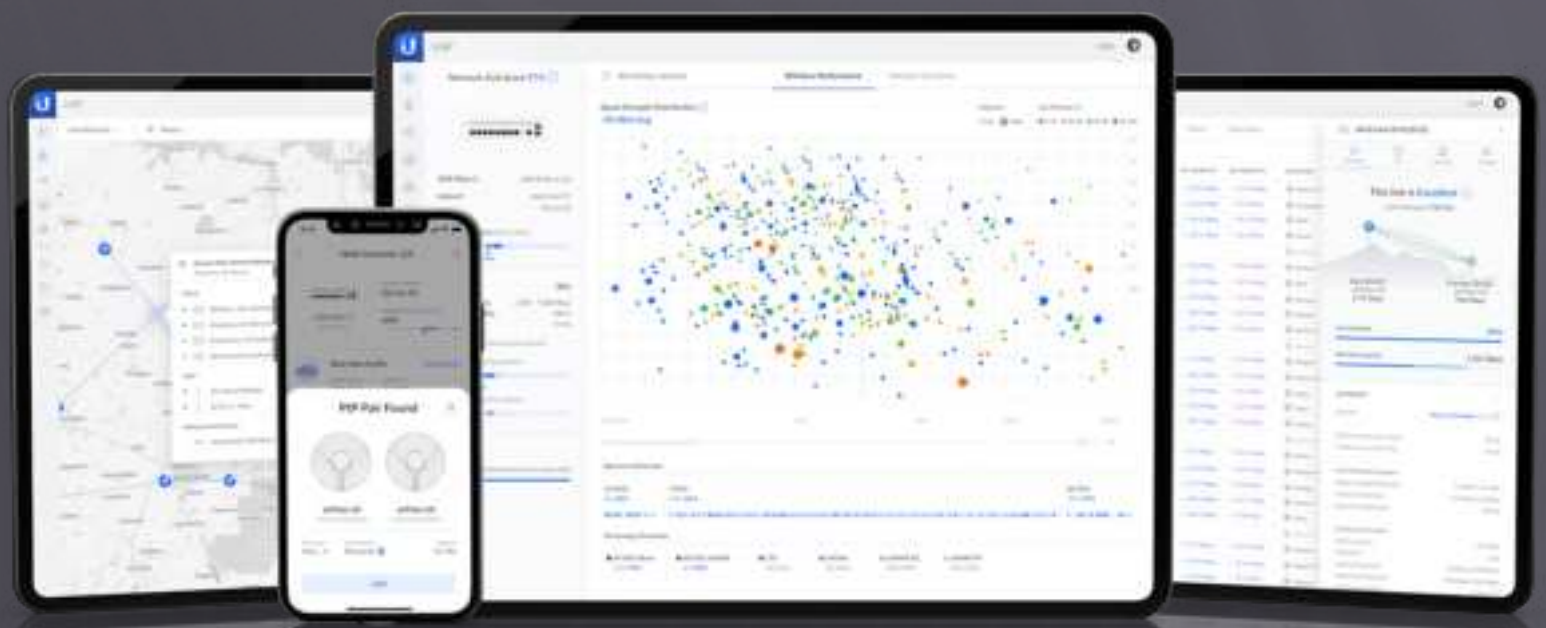
UISP Router

Datasheet
UISP-R

UISP



UISP Router

Gigabit PoE router for MicroPoP applications

Ideal for wireless ISP (WISP) deployments, the UISP Router is a fanless, PoE router featuring (8) GbE RJ45 ports and (1) 1G SFP port for an additional fiber uplink option. The UISP Router provides a cost-effective routing solution for WISPs looking to quickly and inexpensively deliver Gigabit wireless speeds to their customers. With its hefty 110W total PoE supply, the UISP Router delivers substantial power to every radio in your service network. The UISP Router is managed with the UISP application, a centralized platform where you can monitor and manage all of your UISP devices.

Mechanical

Dimensions	210.4 x 95 x 29 mm (8.28 x 3.74 x 1.14")
Weight	600 g (1.32 lb)
Enclosure material	Polycarbonate

Hardware

Networking interfaces	(8) 10/1001000 MbE RJ45 ports (1) 1G SFP port
Management interface	Ethernet in-band Bluetooth BLE
Processor	Dual-core 880 MHz, MIPS1004Kc
System memory	512 MB DDR3
Onboard flash storage	512 MB NAND
Power method	External AC/DC adapter
Power supply	27VDC, 4.4A power adapter (included)
Supported voltage range	24 - 28VDC
Max. power consumption	10W (excludes PoE output)
ESD/EMP protection	Air: ± 15 kV, contact: ± 8 kV
Operating temperature	-10 to 50° C (14 to 122° F)
Operating humidity	5 to 95% noncondensing
Certifications	CE, FCC, IC

PoE

PoE interfaces	(8) 27V passive PoE: 2-pair (pins 4, 5+/7, 8-) or 4-pair (pins 1, 2, 4, 5+/3, 6, 7, 8-)
Passive PoE max. wattage per port	30W/27VDC
Passive PoE voltage range	27VDC

LEDs

System	Status
RJ45 data ports	PoE Speed/link/activity
SFP data port	Link/activity

FCC

Changes or modifications not expressly approved by the party responsible
for compliance could void the user’s authority to operate the equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two
conditions.
1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

"This equipment has been tested and found to comply with the limits for a Class B digital device.
These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,
which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help."

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.

ISED Canada

CAN ICES-3(B)/NMB-3(B)
This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
1. This device may not cause interference, and
2. This device must accept any interference, including interference that
may cause undesired operation of the device.

CAN ICES-3(B)/NMB-3(B)
Le présent appareil est conforme aux CNR d’ISDE Canada applicables aux appareils radio ex empts de licence. L’exploitation est autorisée aux deux conditions suivantes :
1. l’appareil ne doit pas produire de brouillage;
2. l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est
suscepti ble d’en compromettre le fonctionnement.

RF Exposure Warning
The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.
Les antennes utilisées pour ce transmetteur doivent être installé en considérant une distance de séparation de toute personnes d’au moins 20 cm et ne doivent pas être localisé ou utilisé en conflit avec tout autre antenne ou transmetteur.