

UISP



UISP Switch Pro

Layer 3 PoE switch with (24) GbE RJ45 ports, including (16) with 27V passive PoE output and (4) 10G SFP+ ports to facilitate high-speed fiber uplinks.

Ideal for WISP deployments, the UISP Switch Pro (UISP S Pro) is a Layer 3 PoE switch with (24) GbE RJ45 ports, including (16) with 27V passive PoE output and (4) 10G SFP+ ports to facilitate high-speed fiber uplinks. The UISP S Pro has a robust 220W PoE supply and provides 2 or 4-pair mode functionality to ensure reliable support for your radio devices. Additionally, the rack-mountable UISP S Pro features a 1.3" LCM color touchscreen that concisely presents key device and network status insights. The UISP S Pro can be set up in minutes and fully managed with the UISP application, a centralized platform where you can monitor and configure all your UISP devices.



Mechanical

Dimensions	442.4 x 267.5 x 43.7 mm (17.42 x 10.53 x 1.72")
Weight	3.86 kg (8.51 lb)
Enclosure materials	SGCC steel, polycarbonate/ acrylonitrile butadiene styrene

Hardware

Total non-blocking throughput	64 Gbps
Switching capacity	128 Gbps
Forwarding rate	95.23 Mpps
Networking interfaces	(24) 10/100/1,000 MbE RJ45 LAN ports (4) 1/10G SFP+ ports
Management interfaces	Ethernet In-band Bluetooth
LCM display	(1) 1.3" touchscreen
Power method	(1) Universal AC input, 100-240VAC, 4.4A Max, 50/60 Hz (1) Power TransPort DC input 27VDC, 10A
Power supply	AC/DC, Internal, 250W
Supported voltage range	100 to 240VAC
Max. power consumption	30W (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% non-condensing
Certifications	CE, FCC, IC

PoE

PoE interfaces	(16) 27V passive PoE: 2-pair (pins 4, 5+/7, 8-) or 4-pair (pins 1, 2, 4, 5+/3, 6, 7, 8-); Ports 1 to 16
Total available PoE	220W
Passive PoE max wattage per port	30W/27VDC
Passive PoE voltage range	27VDC



LEDs

RJ45 data ports	PoE; Speed/link/activity
SFP+ data ports	Speed/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 A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CAN ICES-3(A)/NMB-3(A)

This device complies with ISSED 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.

use to reduce the potential for harmful interference to co-channel mobile satellite systems.

CAN ICES-3(A)/NMB-3(A)

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts 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 susceptible d'en compromettre le fonctionnement.

de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

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 installées en considérant une distance de séparation de toute personne d'au moins 20 cm et ne doivent pas être localisées ou utilisées en conflit avec toute autre antenne ou transmetteur.