

## UISP Switch Plus



## Mechanical

|                     |                                            |
|---------------------|--------------------------------------------|
| Dimensions          | 210.4 x 170.2 x 43.7 mm (8.3 x 6.7 x 1.7") |
| Weight              | 1.75 kg (3.9 lb)                           |
| Enclosure materials | SGCC steel, polycarbonate/ABS              |

## Hardware

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Processor                     | Dual-core ARM®v8 Cortex®-A55 at 1.4 GHz                                  |
| Memory                        | 1 GB DDR4                                                                |
| Onboard flash storage         | 256 MB NAND                                                              |
| Total non-blocking throughput | 50 Gbps                                                                  |
| Switching capacity            | 100 Gbps                                                                 |
| Forwarding rate               | 74.4 Mpps                                                                |
| Networking interface          | (4) 10/100/1,000/2,500 MbE RJ45 LAN ports<br>(4) 1/10G SFP+ ports        |
| Management interface          | Ethernet In-Band<br>Bluetooth                                            |
| Power method                  | (1) External AC/DC adapter<br>(1) Power TransPort DC input 27V DC, 7.04A |
| Power supply                  | 27V DC, 7.04A power adapter (included)                                   |
| Supported voltage range       | 24–28V DC                                                                |
| Max. power consumption        | 25W (Excluding 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 interface                     | (4) 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 4 |
| Total available PoE               | 160W (with included power adapter)                                                                    |
| Max. passive PoE wattage per port | 2-pair mode: 20W/27V DC<br>4-pair mode: 40W/27V DC"                                                   |
| Passive PoE voltage range         | 27V DC                                                                                                |

## LEDs

|                 |                            |
|-----------------|----------------------------|
| System          | Status                     |
| RJ45 data ports | PoE<br>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 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 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.

**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 personnes d'au moins 20 cm et ne doivent pas être localisées ou utilisées en conflit avec tout autre antenne ou transmetteur.