



# POWER DISTRIBUTION UNIT FOR ISOLATORS AND EXTENDERS (PDUI)

The PDUI from High Sec Labs is an outlet hub for HSL's DC-powered devices, such as Isolators and KVM Extenders, providing a single connection point to an external power source. This saves space in a network rack and eliminates the need for individual power adapters and separate outlets for connected devices. The PDUI is a convenient and robust solution for mission-critical installations.

## KEY FEATURES

### • DC Power Outlets

The PDUI can distribute power to any of HSL's 12V-powered devices, connected via junction box power cables (included with the PDUI10-48V, sold separately for all other models).

### • Redundant Power Inlets

All PDUI models support redundant power supply through dual AC inlets, ensuring continuous availability even if one source fails.

## SPECIFICATION

| MODEL                                             | PDUI10-48V                                                                     | PDUI12* | PDUI10SR | PDUI24 | PDUI12M                     |
|---------------------------------------------------|--------------------------------------------------------------------------------|---------|----------|--------|-----------------------------|
| PDUI FEATURES                                     |                                                                                |         |          |        |                             |
| Required AC Input Sources                         | 2                                                                              | 2       | 2        | 2      | 2                           |
| Redundant Power Supply                            | Yes                                                                            | Yes     | Yes      | Yes    | Yes                         |
| Required Operating Inputs                         | 1                                                                              | 1       | 1        | 1      | 1                           |
| DC Outlets                                        | 10                                                                             | 12      | 10       | 24     | 12                          |
| DC Output                                         | 48V                                                                            | 12V     | 12V      | 12V    | 12V                         |
| Max Power Consumption                             | 260W                                                                           | 84W     | 250W     | 250W   | 40W                         |
| Compatible with Neous (Tx/Rx Endpoint + Isolator) | No                                                                             | No      | Yes      | No     | No                          |
| PHYSICAL                                          |                                                                                |         |          |        |                             |
| Dimensions                                        | 342x148x42mm / 13.7x5.8x1.7in                                                  |         |          |        | 198x90x45mm / 7.8x3.5x1.8in |
| ENVIRONMENTAL                                     |                                                                                |         |          |        |                             |
| Temperature                                       | Operating: 0°C to 40°C / 32°F to 104°F, Storage: -20°C to 60°C / -4°F to 140°F |         |          |        |                             |
| Humidity                                          | 0%-80% RH, non-condensing                                                      |         |          |        |                             |
| GENERAL INFO                                      |                                                                                |         |          |        |                             |
| Manufacturing                                     | TAA / BAA Compliant                                                            |         |          |        |                             |
| Product Life-Cycle                                | 10 Years                                                                       |         |          |        |                             |
| Warranty                                          | 2 Years                                                                        |         |          |        |                             |

\* Supports up to 10 isolators

## ORDERING INFORMATION

| DESCRIPTION                                        | MODEL NO.  | PART NO. |
|----------------------------------------------------|------------|----------|
| 10-port Power Distribution Unit, 48V               | PDUI10-48V | CPN22747 |
| 12-port Power Distribution Unit                    | PDUI12     | CPN18598 |
| 24-port Power Distribution Unit                    | PDUI24     | CPN18597 |
| 10-port Power Distribution Unit for Neous          | PDUI10SR   | CPN37954 |
| 12-Port Power Distribution Unit, Small Form Factor | PDUI12M    | CPN37737 |
| 1.5m 12V Power Cable                               | PDUI15     | CPN36681 |
| 2m 12V Power Cable                                 | PDUI20     | CPN36682 |
| 4m 12V Power Cable                                 | PDUI40     | CPN36680 |

### Power Cables (Sold Separately)

- PDUI15: 1.5 meters
- PDUI20: 2 meters
- PDUI40: 4 meters



## PACKAGE CONTENTS

| COMPONENT              | QTY | COMPONENT                         | QTY | COMPONENT                       | QTY |
|------------------------|-----|-----------------------------------|-----|---------------------------------|-----|
| <b>PDUI12</b>          |     | <b>PDUI24</b>                     |     | <b>PDUI12M</b>                  |     |
| 12-port PDUI           | 1   | 24-port PDUI                      | 1   | 12-Port PDUI, Small Form Factor | 1   |
| 1.8m Power Cable       | 2   | 1.8m Power Cable                  | 2   | 1.8m Power Cable                | 2   |
| Adapter Kit            | 2   | Adapter Kit                       | 2   | Adapter Kit                     | 2   |
| Rack Mount Kit         | 1   | Rack Mount Kit                    | 1   |                                 |     |
| <b>PDUI10SR</b>        |     | <b>PDUI10-48V</b>                 |     |                                 |     |
| 10-port PDUI for Neous | 1   | 10-port PDUI                      | 1   |                                 |     |
| 1.8m Power Cable       | 2   | 2.0m 48V Junction Box Power Cable | 10  |                                 |     |
| Adapter Kit            | 2   | 1.8m Power Cable                  | 2   |                                 |     |
| Rack Mount Kit         | 1   | Adapter Kit                       | 2   |                                 |     |
|                        |     | Rack Mount Kit                    | 1   |                                 |     |

## SUPPORTED HSL DEVICES

| SUPPORTED HSL DEVICE                               |                 |          | COMPATIBLE WITH PDUI |         |        |            |          |
|----------------------------------------------------|-----------------|----------|----------------------|---------|--------|------------|----------|
| DESCRIPTION                                        | MODEL NO.       | PART NO. | PDUI12               | PDUI12M | PDUI24 | PDUI10-48V | PDUI10SR |
| <b>SECURE KVM ISOLATORS</b>                        |                 |          |                      |         |        |            |          |
| Secure 1-Port KVM Isolator, DP/HDMI                | FI11PH-M        | CPN19439 | ✓                    | ✓       | ✓      | -          | ✓        |
| Secure 1-Port KVM Isolator, HDMI                   | FI11H-M         | CPN20653 | ✓                    | ✓       | ✓      | -          | ✓        |
| <b>SECURE VIDEO ISOLATORS</b>                      |                 |          |                      |         |        |            |          |
| Secure 1-Port Video Isolator, DP/HDMI              | FV11PH-M        | CPN19441 | ✓                    | ✓       | ✓      | -          | ✓        |
| Secure 1-Port Video Isolator, HDMI                 | FV11H-M         | CPN20663 | ✓                    | ✓       | ✓      | -          | ✓        |
| <b>SECURE RS-232 CROSS-PLATFORM ISOLATORS</b>      |                 |          |                      |         |        |            |          |
| RS-232 Isolator Diode                              | FT11N-4         | CPN21849 | ✓                    | ✓       | ✓      | -          | ✓        |
| Configurable RS-232 Filter                         | FF11N-4         | CPN25026 | ✓                    | ✓       | ✓      | -          | ✓        |
| Configurable RS-232 Filter with Copy & Paste       | CP11N-4         | CPN34146 | ✓                    | ✓       | ✓      | -          | ✓        |
| Configurable RS-232 Filter with JSON               | FXJ11N-4        | CPN34968 | ✓                    | ✓       | ✓      | -          | ✓        |
| <b>SECURE KVM EXTENDERS</b>                        |                 |          |                      |         |        |            |          |
| Copper KVM Extender, DP/HDMI, PoE*                 | FICE11PH-M      | CPN16092 | -                    | -       | -      | ✓          | -        |
| Fiber KVM Extender, DP/HDMI                        | FIFE11PH-M      | CPN16096 | ✓                    | ✓       | -      | -          | ✓        |
| Fiber KVM Isolator, DP/HDMI, TEMPEST               | FIFE11PH-MT     | CPN28132 | ✓                    | ✓       | -      | -          | ✓        |
| <b>SECURE VIDEO EXTENDERS</b>                      |                 |          |                      |         |        |            |          |
| Copper Video Extender, DP/HDMI, PoE*               | FVCE11PH-M      | CPN16094 | -                    | -       | -      | ✓          | -        |
| Fiber Video Extender, DP/HDMI                      | FVFE11PH-M      | CPN16098 | ✓                    | ✓       | -      | -          | ✓        |
| Fiber Video Extender, DP/HDMI, TEMPEST             | FVFE11PH-MT     | CPN28133 | ✓                    | ✓       | -      | -          | ✓        |
| <b>COMMERCIAL KVM EXTENDERS</b>                    |                 |          |                      |         |        |            |          |
| Fiber KVM Extender, DP/HDMI                        | FKFE11PH-N      | CPN20498 | ✓                    | ✓       | -      | -          | ✓        |
| Fiber KVM Extender, DP                             | FKFE11P-N       | CPN33914 | ✓                    | ✓       | -      | -          | ✓        |
| Fiber KVM Extender, DP/HDMI, 4K60                  | FKFE11PHU60-N   | CPN29810 | ✓                    | ✓       | -      | -          | ✓        |
| Fiber KVM Extender, DP/HDMI, 4K60, Redundant Power | FKFE11PHU60RD-N | CPN37710 | ✓                    | ✓       | -      | -          | ✓        |
| Copper KVM Extender, DP/HDMI to HDMI, PoC*         | FKCE11PHEC-N    | CPN31351 | ✓                    | ✓       | -      | -          | ✓        |
| Copper KVM Extender, DP/HDMI, PoE*                 | FKCE11PH60-N    | CPN27837 | -                    | -       | -      | ✓          | -        |
| <b>NEOUS KVM EXTENDERS</b>                         |                 |          |                      |         |        |            |          |
| Neous Fiber KVM Transmitter with Isolator          | SKFX10PHT-M     | CPN34280 | -                    | -       | -      | -          | ✓        |
| Neous Fiber KVM Receiver with Isolator             | SKFX01PHR-M     | CPN34281 | -                    | -       | -      | -          | ✓        |
| Neous Copper KVM Transmitter with Isolator         | SKCX10PHT-M     | CPN34282 | -                    | -       | -      | -          | ✓        |
| Neous Copper KVM Transmitter with Isolator, PoE*   | SKCX10PHT-ME    | CPN36741 | -                    | -       | -      | -          | ✓        |
| Neous Copper KVM Receiver with Isolator            | SKCX01PHR-M     | CPN34283 | -                    | -       | -      | -          | ✓        |
| Neous Copper KVM Receiver with Isolator, PoE*      | SKCX01PHR-ME    | CPN36742 | -                    | -       | -      | -          | ✓        |
| <b>NEOUS VIDEO EXTENDERS</b>                       |                 |          |                      |         |        |            |          |
| Neous Fiber Video Transmitter with Isolator        | SVFX10PHT-M     | CPN34272 | -                    | -       | -      | -          | ✓        |
| Neous Fiber Video Receiver with Isolator           | SVFX01PHR-M     | CPN34277 | -                    | -       | -      | -          | ✓        |
| Neous Copper Video Transmitter, DP/HDMI            | SVCX10PHT-M     | CPN36731 | -                    | -       | -      | -          | ✓        |
| Neous Copper Video Transmitter with Isolator, PoE* | SVCX10PHT-ME    | CPN36739 | -                    | -       | -      | -          | ✓        |
| Neous Copper Video Receiver, DP/HDMI               | SVCX010PHR-M    | CPN36732 | -                    | -       | -      | -          | ✓        |
| Neous Copper Video Receiver with Isolator, PoE*    | SVCX01PHR-ME    | CPN36740 | -                    | -       | -      | -          | ✓        |
| <b>COMMERCIAL NEOUS VIDEO EXTENDERS</b>            |                 |          |                      |         |        |            |          |
| Commercial Neous Copper Video Transmitter          | SVCX10PHT-N     | CPN36651 | -                    | -       | -      | -          | ✓        |
| Commercial Neous Copper Video Transmitter, PoE*    | SVCX10PHT-NE    | CPN36745 | -                    | -       | -      | -          | ✓        |
| Commercial Neous Copper Video Receiver             | SVCX01PHR-N     | CPN36652 | -                    | -       | -      | -          | ✓        |
| Commercial Neous Copper Video Receiver, PoE*       | SVCX01PHR-NE    | CPN36746 | -                    | -       | -      | -          | ✓        |
| Commercial Neous Fiber Video Transmitter           | SVFX10PHT-N     | CPN36649 | -                    | -       | -      | -          | ✓        |
| Commercial Neous Fiber Video Receiver              | SVFX01PHR-N     | CPN36650 | -                    | -       | -      | -          | ✓        |
| <b>COMMERCIAL NEOUS KVM EXTENDERS</b>              |                 |          |                      |         |        |            |          |
| Commercial Neous Copper KVM Transmitter            | SKCX10PHT-N     | CPN35104 | -                    | -       | -      | -          | ✓        |
| Commercial Neous Copper KVM Transmitter, PoE*      | SKCX10PHT-NE    | CPN36743 | -                    | -       | -      | -          | ✓        |
| Commercial Neous Copper KVM Receiver               | SKCX01PHR-N     | CPN35105 | -                    | -       | -      | -          | ✓        |
| Commercial Neous Copper KVM Receiver, PoE*         | SKCX01PHR-NE    | CPN36744 | -                    | -       | -      | -          | ✓        |
| Commercial Neous Fiber KVM Transmitter             | SKFX10PHT-N     | CPN35106 | -                    | -       | -      | -          | ✓        |
| Commercial Neous Fiber KVM Receiver                | SKFX01PHR-N     | CPN35107 | -                    | -       | -      | -          | ✓        |

\*Support dual PDUI + PoE/PoC power inputs.