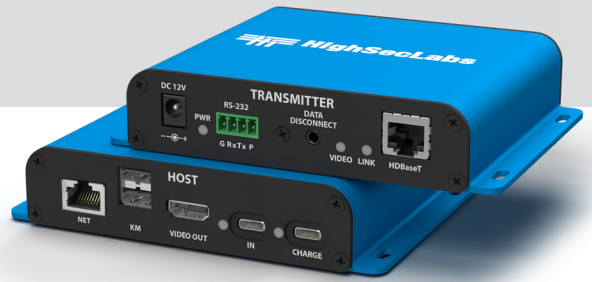**HighSecLabs**
Highest Security Solutions ••• Ltd.

Quick Installation Guide
USB-C Extended Docking Solution

Objectives

- High Sec Labs' USB-C extended docking solution integrates local docking for USB-C laptops with remote extension of video, HID, RS-232 and USB 2.0 signals up to 100 meters. Compatible with RS-232 remote controls and having a USB data disconnect switch to prevent data leaks or incorrect mapping of peripheral devices, it is an ideal solution for executive offices and meeting rooms connecting computers with soundbars, videobars, cameras and displays over distance.

- This guide includes instructions on how to install the FKCE11UCT-N USB-C Extended Docking Solution.

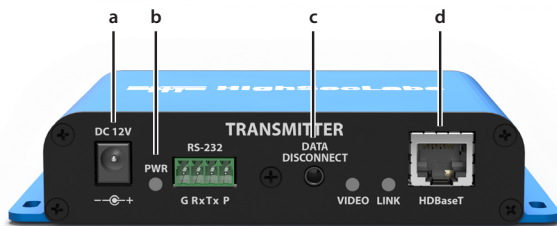- For further assistance, please refer to the HSL website: http://www.highseclabs.com

Ports and LEDs Index:
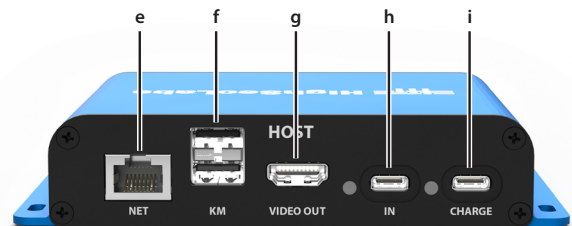
Transmitter Side

a. DC 12V port for power

b. 4-pin serial block for RS-232 device

c. Mini PL port for USB Data Disconnect

d. RJ45 port for copper cable

Host Side

e. LAN port for network connectivity

f. 2xUSB A ports for keyboard/mouse

g. HDMI port for video

h. USB-C port for device input

i. USB-C port for charging

Transmitter Side

Host Side

Installation

General

> **Note:** This Installation Guide connects the FKCE11UCT-N Transmitter to a FKCE11PH60R-N Receiver, but the Transmitter can also connect to an FKCE11UCR-N Receiver.

Verify that the host computer and all peripheral devices are powered OFF before connecting them to the Extender Transmitter and Receiver.

❶ Connect to the Transmitter

Transmitter Side

1. Connect an RS-232 serial device to the Transmitter via the 3-pin serial block (optional).

2. Connect the USB Data Disconnect Switch to the Transmitter via the Mini PL port (optional).

Host Side

1. Connect a USB C host computer to the Transmitter via the USB C port labeled 'IN.'

2. Connect an ethernet cable to the Transmitter via the LAN port.

3. Connect a video display to the Transmitter via the HDMI video output port.

4. Connect the keyboard and mouse sources to the Transmitter via the USB HID Type A ports.

❷ Connect to the Receiver

Receiver Side

1. Connect an RS-232 remote control unit to the Receiver via the RCU port (optional).
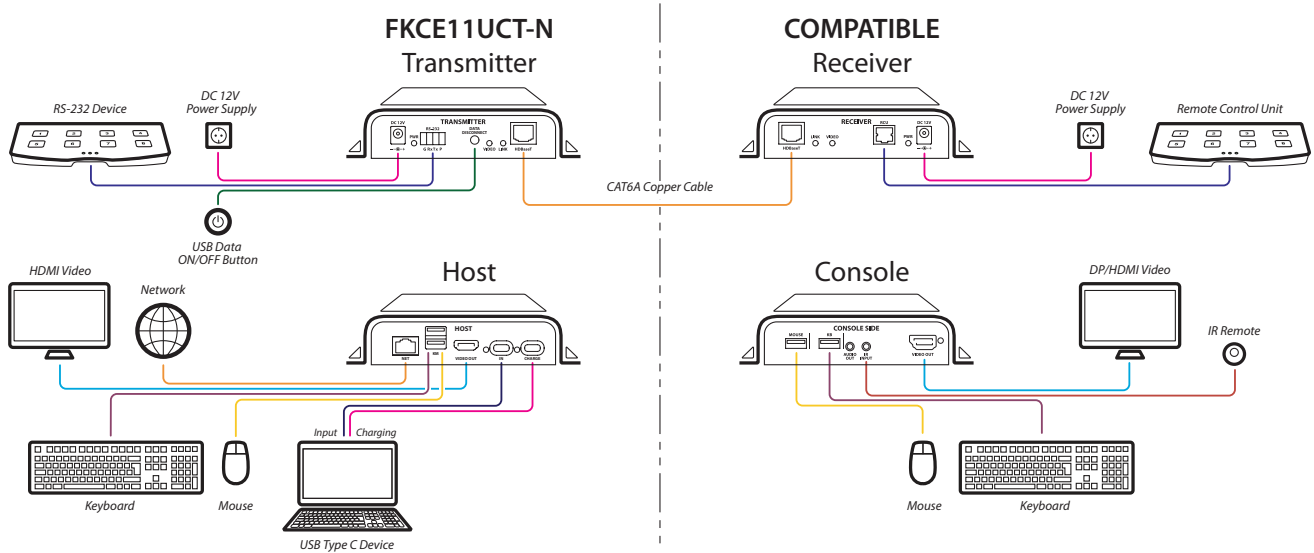
Device Side

1. Connect the video display to the Receiver via the DP/HDMI video output port.

2. Connect the keyboard and mouse to the Receiver via the USB Type A ports.

3. Connect the audio device or microphone to the Receiver via the 3.5mm jack.

4. Connect an IR remote device to the Receiver via the Mini PL port (optional).

❸ Connect the Extender Pair

1. Connect the Transmitter to the Receiver via the pair's HDBaseT ports, using CAT6A copper cable.

❹ *Power ON the System*

1. Power ON the host computer or Matrix, video displays, and all peripherals before powering on the Extender Pair.

2. Connect the DC 12V power supplies for the Transmitter and Receiver to electrical outlets.

3. Power ON the Extender Pair by connecting the Transmitter and Receiver to their respective power supplies via their DC 12V ports.

4. Charge the USB C host computer by connecting it to the Transmitter via the USB C port labeled 'CHARGE.'

FKCE11UCT-N Transmitter

RS-232 Device • DC 12V Power Supply • TRANSMITTER • USB Data ON/OFF Button • HDMI Video • Network • Host • Keyboard • Mouse • Input • Charging • USB Type C Device

CAT6A Copper Cable

COMPATIBLE Receiver

RECEIVER • DC 12V Power Supply • Remote Control Unit • Console • CONSOLE SIDE • DP/HDMI Video • IR Remote • Mouse • Keyboard

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Supported Hardware

The Extended Docking Transmitter supports most standard PC peripherals.

Environmental

- Operating temperature is 32° to 104° F (0° to 40° C).
- Storage temperature is -4° to 140° F (-20° to 60° C).
- Humidity requirements are 0-80% relative humidity, non-condensing.

FKCE11UCT-N Dimensions

Length: 145 (W) x 105 (D) x 28 (H) mm / 5.8 (W) x 4.2 (D) x 1.1 (H) inch

Weight: 0.64 kg (1.4 lbs)