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, it is an ideal solution for executive offices and meeting rooms connecting computers with soundbars, videobars, cameras and displays over distance.
- Included with the USB-C Extended Docking Solution is a USB data on/off switch that disconnects remote USB data streams from the dock with the press of a button. This prevents soundbars or videobars from being mistakenly mapped as host peripherals.
- This guide includes instructions on how to install the FKCE11UC60-N USB-C Extended Docking Solution.
- For further assistance, please refer to the HSL website: http://www.highseclabs.com

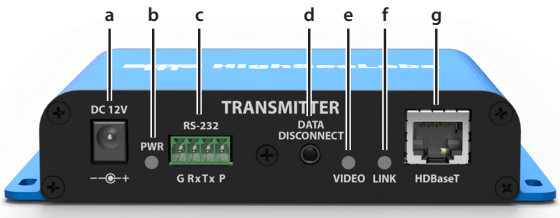
Package Contents:

- FKCE11UCT-N USB-C Copper KVM Extended Dock Transmitter
- FKCE11PH60R-N Copper KVM Extender Receiver
- USB Data On/Off Switch

Ports and LEDs Index:

FKCE11UCT-N - Transmitter Side

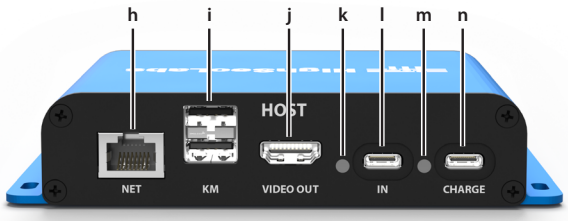
a. DC 12V port for power
b. Power LED
c. 4-pin serial block for RS-232 device
d. Mini PL port for USB Data Disconnect
e. Video active LED
f. HDBaseT connected LED
g. RJ45 port for HDBaseT copper cable



Transmitter Side

FKCE11UCT-N - Host Side

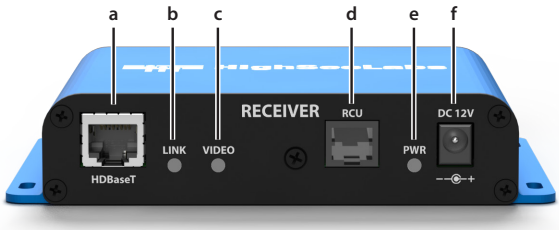
h. LAN port for network connectivity
i. 2xUSB A ports for keyboard/mouse
j. HDMI port for video
k. Video Input LED
l. USB-C port for device input
m. Charge LED
n. USB-C port for Power Delivery input



Host Side

FKCE11PH60R-N - Receiver Side

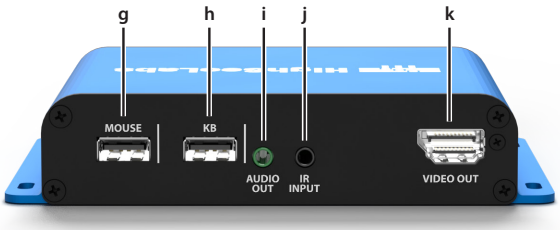
a. RJ45 port for copper cable
b. HDBaseT connected LED
c. Video active LED
d. RCU port
e. Power LED
f. DC 12V port for power



Receiver Side

FKCE11PH60R-N - Device Side

g. USB Type A port for mouse
h. USB Type A port for Keyboard
i. 3.5mm jack for audio
j. Mini PL port for IR remote
k. DP/HDMI port for video



Device Side

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Installation

General

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 FKCE11UCT-N Transmitter

Transmitter Side

1. Connect an RS-232 serial device to the Transmitter via the 3-pin serial block (optional).
2. Connect the USB On/Off Switch to the Transmitter via the Mini PL port labeled "Data Disconnect" (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.
5. Connect a power delivery charger (sold separately) to the Transmitter via the USB C port labeled 'Charge' (optional).

❷ Connect to the FKCE11PH60R-N 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 a videobar, soundbar, webcam, or other USB 2.0 peripheral to the Receiver via the USB A ports.

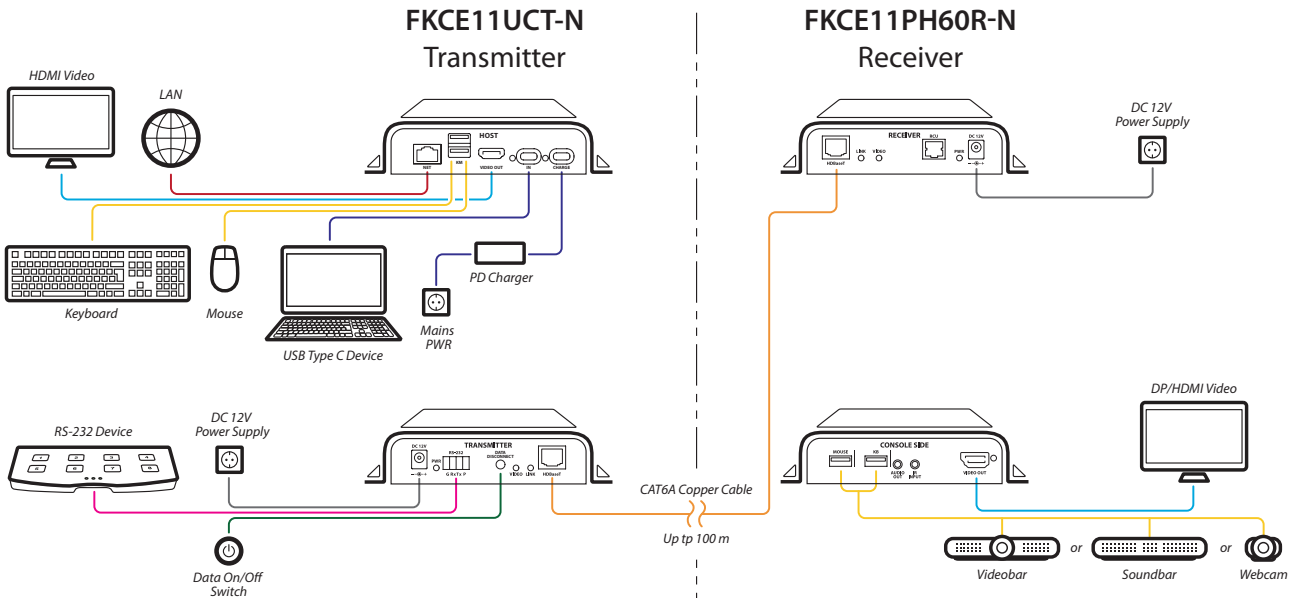
> **Note:** On the FKCE11PH60R-N Receiver, these USB A ports are labeled 'Mouse' and 'Keyboard.' However, when used in this configuration, these ports are compatible with any USB 2.0 peripheral.

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. If a Power Delivery charger is connected to the Transmitter via the USB C port labeled 'Charge,' it will supply power to the USB C host computer (optional).



Supported Hardware

The Extended Docking Transmitter supports most standard PC peripherals.

Environmental

- Operating temperature is 32°F to 104°F (0°C to 40°C).
- Storage temperature is -4°F to 140°F (-20°C 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)

FKCE11PH60R-N Dimensions

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