

# USBX-M315 ( DC Adaptor Bundled )

# USBX-M315PD ( 65W PD Adaptor Bundled )

## USB 3.2 Extender over CAT.6A

with Priority-Sensing, Dual-Host, 70~100M, Optional PD In, PoC\*, PD Out\* ( \* Requires PD Input >36W )



USBX-M315

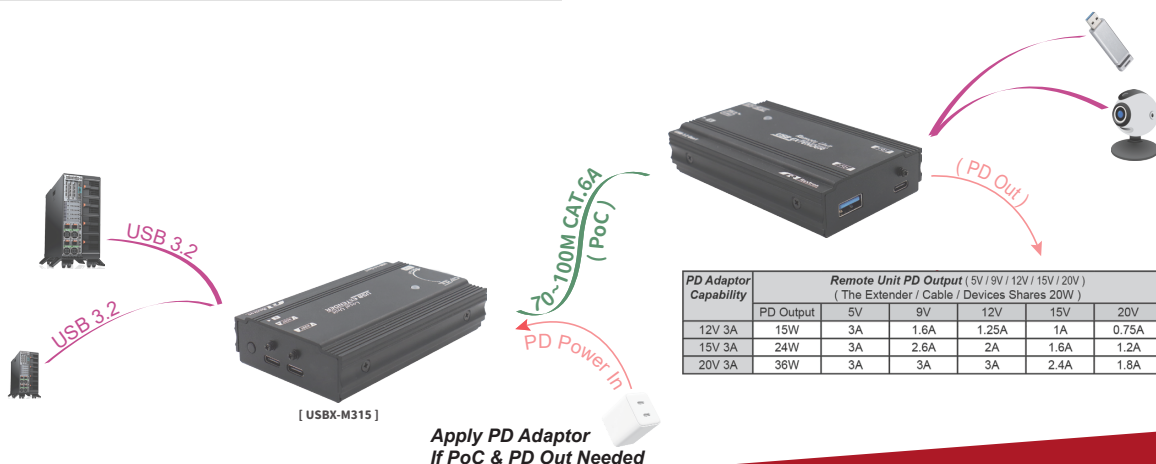


USBX-M315

## Features

- **USB 3.2 Gen 1 / USB 2.0 Extension** Supports 2 Devices ( A & C Connectors ) Up to 5Gbps Via 70~100M CAT.6A
- **Dual-Host** Empowers Uninterrupted Workflow by Sharing USB Devices Across Two Systems with One Click
- **Dual-Side Switching** Grants Instant Access, Wherever You Work, by Allowing Switching at Both Tx & Rx Sides
- **Priority-Sensing** Automatically Switches to the Higher-Priority Host ( 1>2 ) ( Manual-Mode : Keep Host Selection )
- **Flexible Power Supply Options :**
  - Tx : Bus-Powered / Rx : DC 5V Adaptor
  - Tx : External 5V / Rx : DC 5V Adaptor
  - Tx : PD <15W / Rx : DC 5V Adaptor
  - Tx : PD 15~36W / Rx : **Power-over-Cable**
  - Tx : PD 36~60W / Rx : **Power-over-Cable + PD Out** ( 65W PD Adaptor Bundled Model : USBX-M315PD )
- **Galvanic Isolation** Ensures Power-over-Cable Safety, and Attenuates Electrical Noise
- **Transition Guard** Ensures Safe, Reliable USB Handshake with a 5-Second Protective Switching Lockout

## Connection Pattern



## Specification

| Model Number                | Local Unit                                                                    | Remote Unit                                                      |
|-----------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------|
|                             | USBX-315L                                                                     | USBX-315R                                                        |
| USB 3.2 Extension ( 5Gbps ) | <b>Dual Host :</b><br>USB 3.2-C x 2<br>( Bus-Powered )                        | USB 3.2-A x 1<br>USB 3.2-C x 1                                   |
| Extension Link Port*        | RJ45 x 1                                                                      | RJ45 x 1                                                         |
|                             | PoC ( Power-over-Cable ) when PD Input >15W                                   |                                                                  |
| MAX. Extension Range        | 70~100M over CAT.6A<br>( Depend on Cable Quality )                            |                                                                  |
| Control Method              | Push Button x 1<br>( Host Switch / Priority )                                 | Push Button x 1<br>( Host Switch / Priority )                    |
| LED Indicators              | Status x 1                                                                    | Status x 1                                                       |
| Hot Plug-and-Play           | Yes                                                                           |                                                                  |
| Power Supply ( Input )      | USB-C x 1 ( Optional In )<br>( DC 5V or PD Input )<br>( or USB Host Powered ) | USB-C 5V x 1 ( In )<br>( PD Output when Tx's<br>PD Input > 36W ) |
| Material                    | Aluminum                                                                      | Aluminum                                                         |
| H x W x D ( mm ) ; Weight   | 23x60x100 ; 165g                                                              | 23x60x100 ; 165g                                                 |

| PD Adaptor Capability | Remote Unit PD Output ( 5V / 9V / 12V / 15V / 20V )<br>( The Extender / Cable / Devices Shares 20W ) |    |      |       |      |       |
|-----------------------|------------------------------------------------------------------------------------------------------|----|------|-------|------|-------|
|                       | PD Output                                                                                            | 5V | 9V   | 12V   | 15V  | 20V   |
| 12V 3A                | 15W                                                                                                  | 3A | 1.6A | 1.25A | 1A   | 0.75A |
| 15V 3A                | 24W                                                                                                  | 3A | 2.6A | 2A    | 1.6A | 1.2A  |
| 20V 3A                | 36W                                                                                                  | 3A | 3A   | 3A    | 2.4A | 1.8A  |