

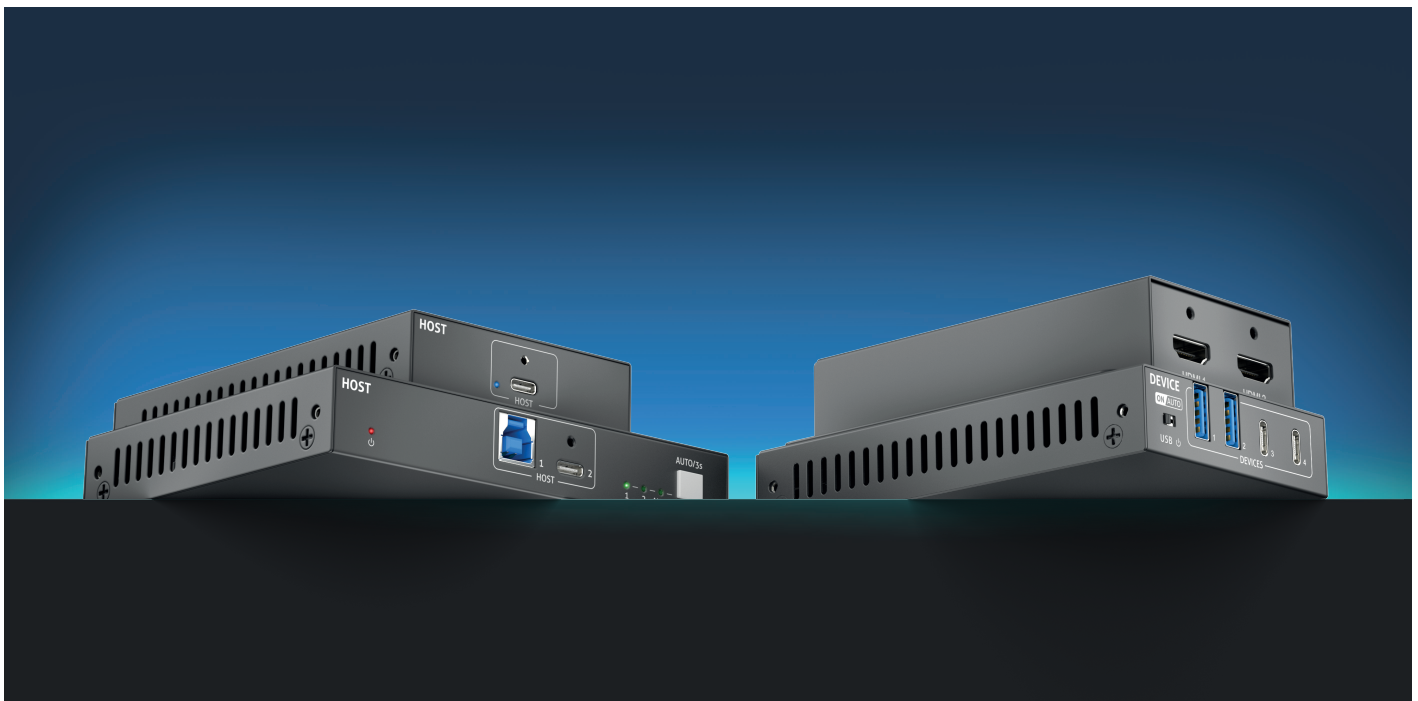
PureTools U3X - SuperSpeed Data Extension over Cat. Going the Distance with Super Speed USB

The PureTools U3X family is a tool kit of products that utilises the latest technology to solve a very real problem in the AV community; USB cable length limitations. USB is ubiquitous in the modern AV environment - it is now the expected norm to not only have access to high resolution video, but high bandwidth data and power as well. The problem is that cable technology does not always meet the requirements of professional AV installations.

Using a clever combination of innovations from the blue-chip AV companies Valens and Synaptics, PureLink has devised a tool kit of products to solve these issues. Power injection at the user side provides full 100W PD, while host switching between legacy and the latest

technologies ensures flexibility and control of inputs. With up to 100m extension over Cat. cable, multifunction powered USB ports for remote devices, and a professional mountable housing, the U3X family is designed for optimal performance and convenience. Most interestingly of all, this kit of products has been designed to work with our USB to HDMI conversion tool PT-C-U3HD-DL.

When these devices are combined correctly, they provide dual screen video, super speed data and 100W power delivery at 100m range! Something that has previously been impossible to achieve above 15m with a cable solution.



5Gbps SuperSpeed Data

Cat. extension systems were previously limited to USB 2.0 and HDMI at most - but no longer! With the latest product innovations from PureLink, the U3X family leverages advanced technology combined with our unique AV know-how to breach this limit, and provide SuperSpeed 5Gbps data at distances that were previously unheard of.

Full Feature USB-C

The U3X family and the newest Valens chipset VS6320 at its heart are data only USB solutions, however that doesn't matter with the inclusion of the DisplayLink DL6950 chip in the PT-C-U3HD-DL we add dual screen video to the same data stream, making the U3X family into a full feature USB-C extension system!

Long-Distance over Cat.

Super Speed data transmission are no longer restricted to short local connections when using U3X. Equipped with the Valens VS6320, U3X bridges the distance gap by converting to Cat. cable with no loss of data or fidelity.

Switch or Simplicity

With two host transmitters to choose from, you can pick the most suitable device for your set up. With the U3CPD you get the bare-bones, at a cut price rate - simply connect like you would with a cable. The U321 however, adds a number of useful tools for the more advanced install - dual input switch, RS232 pass through, local device ports and control.

Power Where You Need It

Both U3X Host transmitters come equipped with our unique Power Injection Technology (PIT). Attach a PSU up to 100W for charging a laptop, or don't - the choice is yours making it both agile and scalable to your needs. At the device side, there is also plenty of power with up to 3A available for power hungry devices.

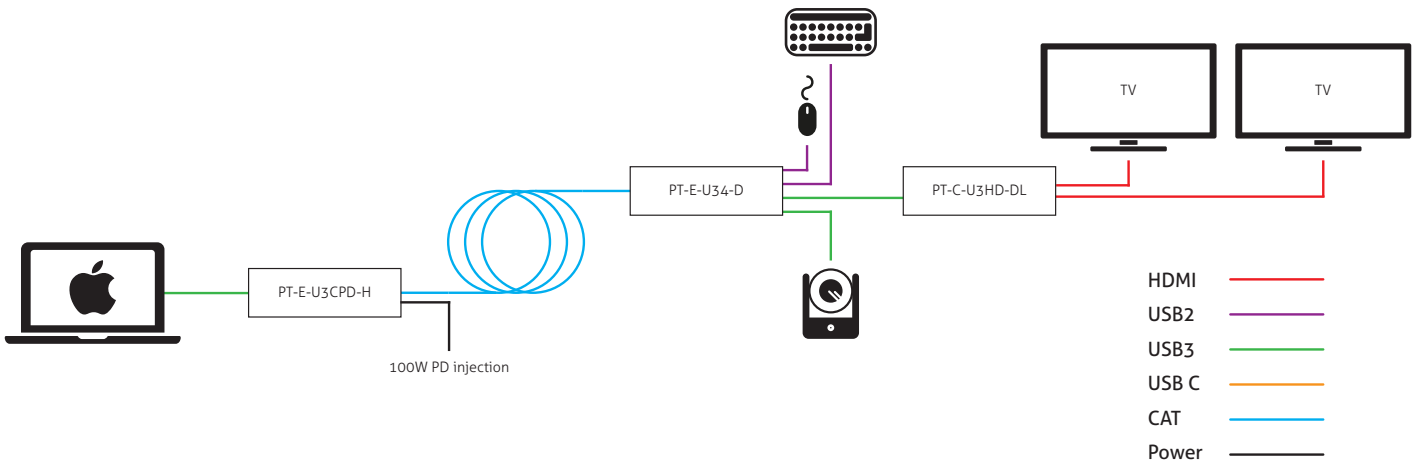
Dual Screen for Mac and Windows

Dual screen meeting rooms are growing ever more in popularity, but Mac users are left behind because Mac doesn't have MST support. However the PT-C-U3HD-DL in combination with the U3X family unlocks this feature across all operating systems, meaning no matter what device you bring to the meeting, your content can be shown on 2 screens.

Product Overview

PureTools U3X - SuperSpeed Data Extension over Cat.

Art. No.	Description	Input	Output
	PT-E-U321-H PureTools - 2x1 USB 3 Cat. Extender Switch (Host-Side) - USB 3.2 Gen1 Data Extender Switch incl. Dual Device Ports & PD	1x USB-B 1x USB-C (+ 2x USB-A Device Ports)	1x RJ45 (HDBaseT)
	PT-E-U3CPD-H PureTools - USB 3 Cat. Extender USB-C + PD (Host-Side) - USB 3.2 Gen1 Data Extender - USB-C Host with PD Injection	1x USB-C	1x RJ45 (HDBaseT)
	PT-E-U34-D PureTools - USB 3 Cat. Extender Hub (Device-Side) - USB 3.2 Gen1 Data Extender Hub with Quad Device Ports	1x RJ45 (HDBaseT)	2x USB-A 2x USB-C
	PT-C-U3HD-DL PureTools - USB 3x to Dual HDMI 2.0 DisplayLink Converter - DisplayLink USB 3x (5Gbps) to Dual HDMI 2.0 (18Gbps)	USB-C (+USB-A Adapter Cable)	2x HDMI



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