24 Port 10G PoE+/PoH+ Injector 750 Watts

The IP-24PoE+ is the first ever 24 port PoE+/PoH+ injector to deliver power on a 10G connection. It is compatible with any standard 1G or 10G network switch and will deliver up to 30 watts of power per port. This allows for a clean installation of any 1G or 10G PD capable device, alleviating the need for local power supply. The IP-24PoE+ can also supply power to HDBaseT™ PoH products providing remote powering as well.

Aurora's SDVoE products are the first to ever support 10G PoE and as others follow suit the IP-24PoE+ will support those as well.

In the case of an underpowered PoE network switch, the IP-24PoE+ will provide the additional power to the ports requiring or to simply add PoE+ to ports lacking.

Taking up only 1RU of rack space the, IP-24PoE+ is the only 10G PoE+ solution for a clean installation.

Related Products:

10G SDVoE Products
- IPX-TC3-C Box Transceiver
- IPX-TC3-CF Box Transceiver
- IPX-TC3 Pro Box Transceiver
- IPX-TC3-CF Pro Box Transceiver
- IPX-TC3-WP Wall Plate Transceiver

HDBaseT™ Products
- HTE-RX2 Box Receiver
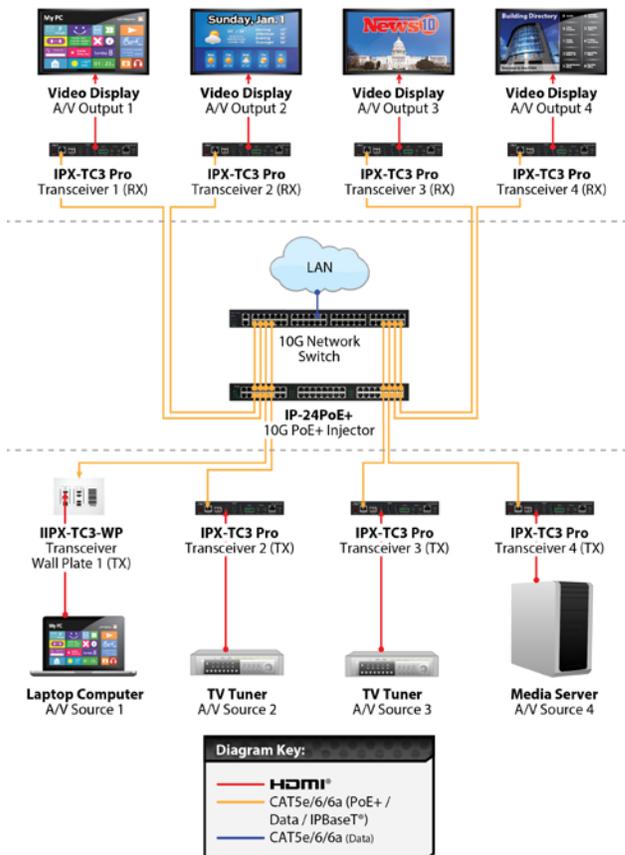- HTE-TX2 Box Transmitter
- HTW-2 Wall Plate

Network Switches
- Cisco™, Extreme Networks™
- Netgear™, Ubiquiti™, HP™
- Any 1G or 10G Network Switch

Features:
- **24 RJ-45 ports**
- **1G and 10G**
- **30 Watts per port PoE+/PoH+**
- **LED PoE active indicators**
- **750 Watts Total Power**
- **IEEE 802.3af, IEEE 802.3at**
- **1RU Rack Size**

Application Example:

SDVoE™ AV over IP PoE+

SDVoE is a 10G AV over IP solution available in copper or fiber. Aurora's IPX Series of 10G copper SDVoE solution is PoE+ capable making the IP-24PoE+ a perfect fit. Without the PoE on the 10G every drop point would require an external power supply making it more difficult to install in some locations as it would require an electrical outlet nearby.

Depending on the switch brand and model required it may not have PoE available. The IP-24PoE+ will quickly and easily add PoE+ to any brand switch including ones that only have enough power for half of the ports like the Netgear™ SDVoE compliant M4300-96X Series switch. While it is a very powerful, low cost switch, the power budget is only for 48 of the 96 ports. Using two IP-24PoE+ units will allow the distribution of PoE+ on the remaining 48 ports keeping the system free of any external power supplies.

Technical Specifications:

Model Name	Specification
Technical	
RJ-45 Ports	24
Power Pin Assignments	4/5 (+), 7/8(-)
PoE Power	30 Watts Per RJ-45 Port
PoE Standard	IEEE802.3af, IEEE802.3at
Data Rates	10Gbps, 1Gbps, 100Mbps, 10Mbps
LED Indicators	System Power, Per Port Power Active
PoH Capable	Yes
Mechanical	
Housing	Metal enclosure
Dimensions [L x W x H]	17.32″ x 9.25″ x 1.693″ 44cm x 23.5cm x 4.3cm
Weight	3.94kg (8.69 lbs.)
Mounting	1RU
Power supply	100-16/240VAC, 50/60Hz
Power consumption	750 Watts Max
Operation temperature	0~40°C [32~104°F]
Storage temperature	-10~70°C [14~158°F]
Relative humidity	20~85% RH [no condensation]
Package Contents	1x IP-24PoE+, 1x 3 Prong AC Cable

Note: Specifications subject to change without notice.