




PoH/PoE Power Injector


Power-over-HDBaseT (PoH) Voltage Inserter, 30 Watt

Complies with PoH Standard as defined for 

Provides PoE for 10, 100, and 1000BaseT network applications

UMA1281 Rev NC

TRADEMARKS USED IN THIS MANUAL

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FCC RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment generates, uses, and can radiate radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio communication. It has been tested to comply with the limits for a Class A computing device in accordance with the specifications in Subpart B of Part 15 of FCC rules, which are intended to provide reasonable protection against such interference when the equipment is operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at their own expense will be required to take whatever measures may be necessary to correct the interference.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

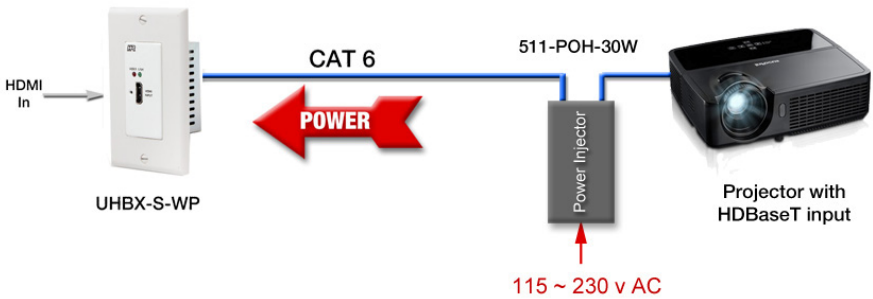


Model 511-POH-30W PoH Power Inserter

The 511-POH-30W is a PoH power inserter that can be used to power one end of an HDBaseT link. It passes the RJ45 data across and at the same time injects 48v power for the PD (powered device). The supply complies with the IEEE 802.3af and will only apply power to the cable only if a compliant PoE or PoH device is detected.



For example you can use the power injector to power the UHBX-S-WP wall plate transmitter when connecting to TVs or projectors with HDBaseT inputs or any HDBaseT Receiver that does not supply PoH/PoE power



The inserter has a universal AC input and can be connected to 100~230 VAC. The package includes North American Power cord (customer must provide their own AC input cables when used with other standards).

The inserter can be connected at either end, but it is recommended to locate it at the remote end of the HDBaseT extension as shown above.

Specifications

Power

Total Power	33 W (max power consumption at full load)
PoE Power	30 W
AC Input Voltage	100~230 VAC
Output voltage	48~52 VDC

Signal Compatibility

PoE Standard	IEEE 802.3af (supports 10/100/1000Mbps data rates)
HDBaseT	PoH for HDBaseT 1.0 Class A, B and 2.0
RJ45 Power	end-span: 1/2,3/6 spare line pair (default); mid-span: 4/5, 7/8 data pair

General

Dimensions	4.61 L x 2.01 W x 1.30 H (inch) 117 L x 51 W x 33 H (mm)
Product weight	0.31 lb (0.14 Kg)
Operating Temp	32 to 122 °F (0 to 50 °C)
Storage Temp	-4 to 167 °F (0 to 75 °C)
Compliance	CE mark (commercial),FCC Part 15 Class B, RoHS, WEEE
MTBF	100,000 hours (Calculated Estimate)

Specifications are subject to change without notice



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