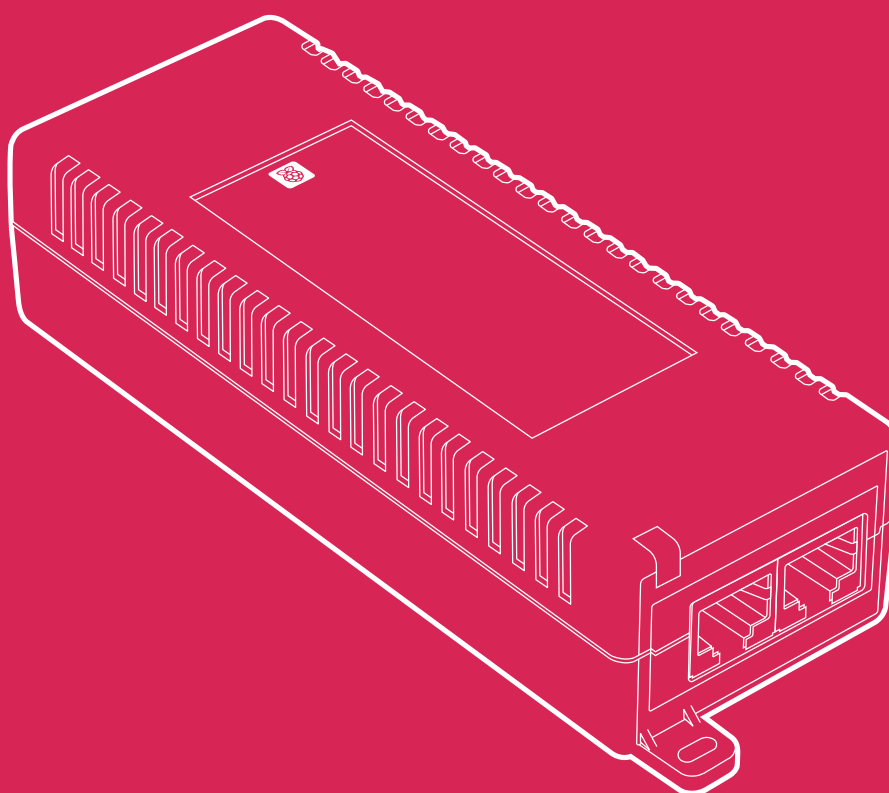




Raspberry Pi PoE+ Injector

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Overview



The Raspberry Pi PoE+ Injector adds Power-over-Ethernet (PoE) functionality to a single port of a non-PoE Ethernet switch, delivering both power and data through a single Ethernet cable. It offers a plug-and-play, cost-effective way to incrementally introduce PoE power delivery capability into pre-existing Ethernet networks.

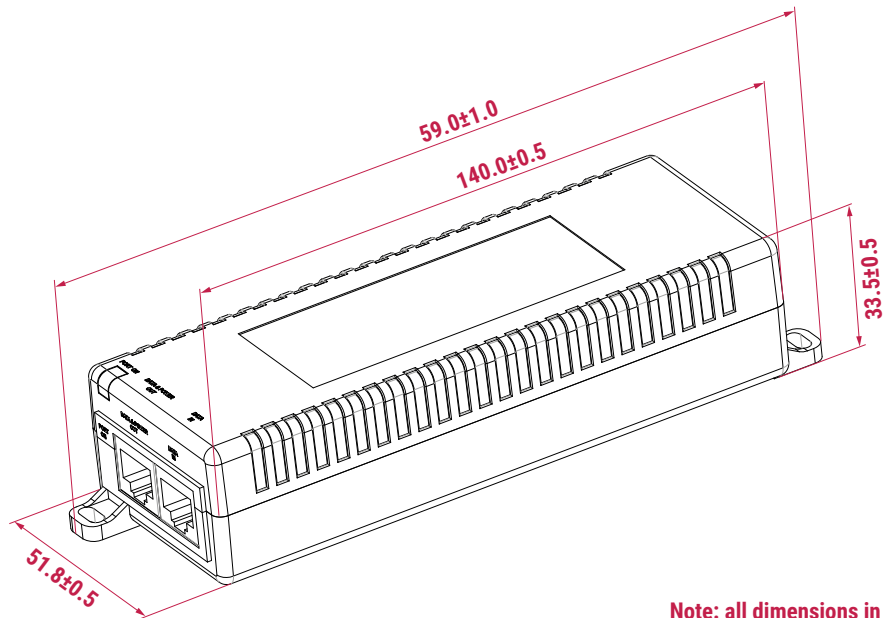
The PoE+ Injector is a single-port 30W injector suitable for powering devices that conform to the IEEE 802.3af and 802.3at specifications, including all generations of Raspberry Pi PoE HAT. It supports network pass-through at 10/100/1000 Mbps speeds. A separate IEC mains lead is required for operation (not included).

Specification

Data rate:	10/100/1000 Mbps
Input voltage:	100–240 V AC
Output power:	30W
Power output on pins:	4/5 (+), 7/8 (–)
Nominal output voltage:	55 V DC
Dimensions:	159 mm (L) × 51.8 mm (W) × 33.5 mm (H)
Data connectors:	Shielded RJ-45, EIA 568A and 568B
Power connector:	IEC c13 mains power input (not included)
Operating ambient temperature:	–10°C to +50°C
Operating humidity:	Maximum 90%, non-condensing
Storage temperature:	–20°C to +70°C
Storage humidity:	Maximum 95%, non-condensing
Operating altitude:	–300m to 3000m
MTBF¹:	200 000 hrs @ 25°C
Production lifetime:	The Raspberry Pi PoE+ Injector will remain in production until at least January 2034
Compliance:	For a full list of local and regional product approvals, please visit pip.raspberrypi.com
List price:	\$25

¹ Mean Time Between Failure

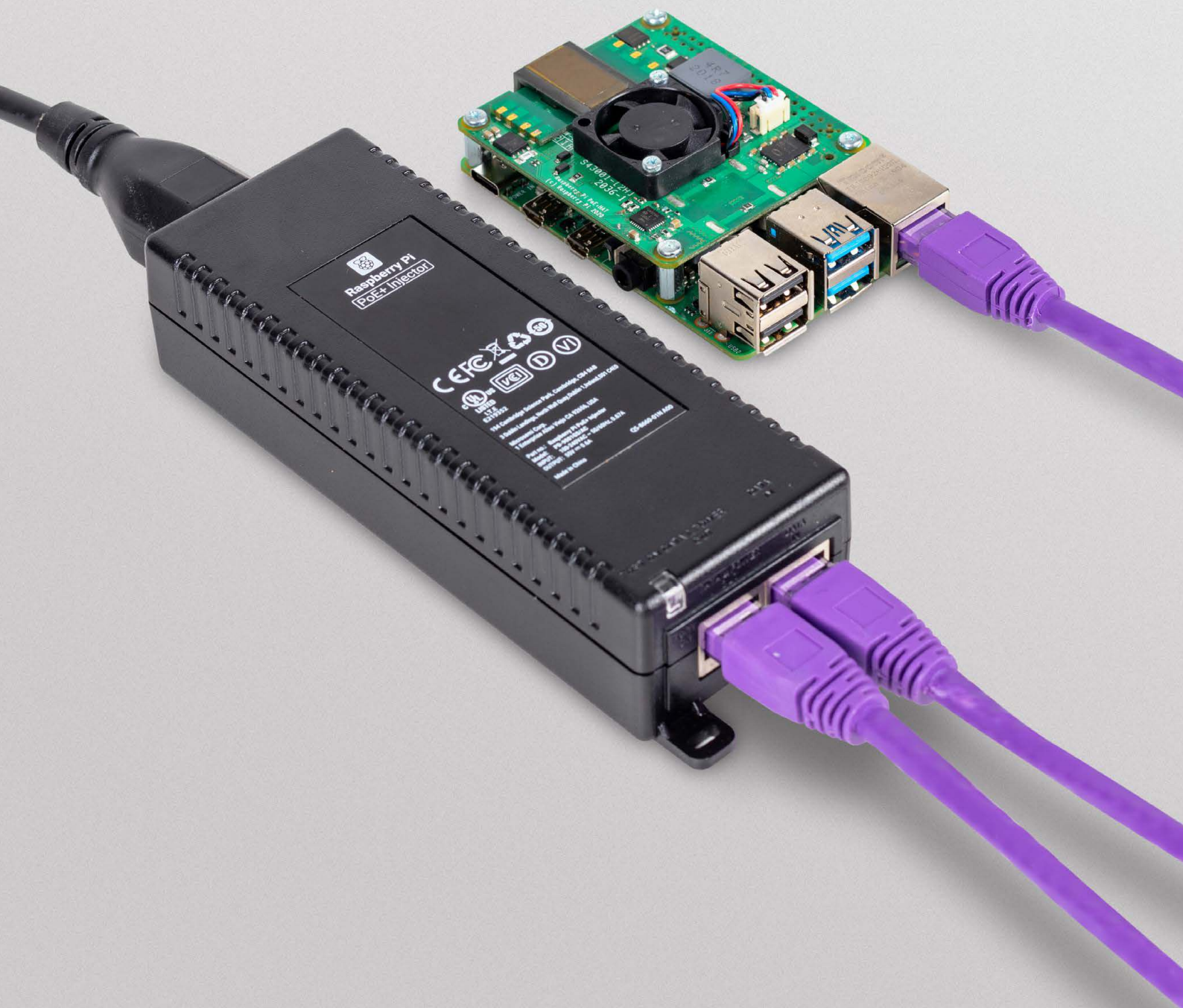
Physical specification



Note: all dimensions in mm

WARNINGS

- This product should be operated in a well ventilated environment.
- The connection of incompatible devices to this power supply may affect compliance, result in damage to the unit, and invalidate the warranty.
- Do not expose to water or moisture.
- Do not attempt to open or remove the PoE+ Injector case.





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