

INLINE® POE++ INJECTOR, 10 GIGABIT

IEEE 802.3bt, 90 watts



- **Compatible with current PoE standards:** Supports IEEE 802.3af/at/bt for flexible deployment in professional networks.
- **Powerful PoE++ port:** Delivers up to 90 W via a Cat.6 or better cable – ideal for energy-intensive end devices.
- **Future-proof with 10GBase-T:** The 10 Gigabit connection ensures maximum bandwidth even for demanding applications.
- **High operational reliability:** Integrated surge and ESD protection reliably protects connected devices during continuous operation.
- **Network upgrade without switch replacement:** Enables retrofitting of PoE++ functionality without interfering with existing switching infrastructure.

The InLine® PoE++ Injector 10Gigabit is the professional solution for expanding existing networks with powerful Power over Ethernet technology. It supports all relevant standards – IEEE 802.3af (PoE), 802.3at (PoE+) and 802.3bt (PoE++) – and thus offers full flexibility for the integration of modern network devices.

With a maximum output power of up to 90 W via a Cat.6 or better Ethernet cable, the injector reliably supplies even particularly power-hungry end devices. Typical applications include professional WLAN access points, IP cameras with PTZ function, video door intercom systems and thin clients. The integrated 10GBase-T port ensures that even large amounts of data are transferred without bottlenecks – a clear advantage in modern IT environments.

Thanks to its simple plug-and-play installation, the PoE++ injector can be easily integrated into existing network infrastructures without having to replace the existing switch architecture. The integrated surge and ESD protection ensures reliable operation even under demanding conditions.

- Standards: IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3an 10GBase-T, IEEE 802.3af PoE, IEEE 802.3at PoE+, IEEE 802.3bt PoE
- Port 'Data in': 1x 10GBase-T RJ45
- Port 'PoE out': 1x 10GBase-T RJ45
- Power supply: AC 100 V - 240 V 50/60 Hz / DC 52 V / 1.92 A
- PoE output voltage: DC 44-57 V
- PoE output power: max. 90 watts
- Overvoltage protection: Connection overvoltage: differential mode 2KV, common mode 6KV / Electrostatic: ESD 6KV, air 8KV (Class B)
- LED indicators: POWER
- Dimensions (L x W x H): 187 x 95 x 40 mm
- Weight: approx. 490 g
- Ambient conditions: Operating temperature -20-50 °C, storage temperature -40-85 °C, humidity 5-90 % non-condensing
- Scope of delivery: 1x InLine® PoE++ injector 10 Gigabit, 802.3bt, 90 Watt, 2x operating instructions (German/English), 1x power cable

Technical Data

Article height:	4.3 cm
Article length:	19 cm
Article width:	9 cm
Max. supported PoE standard:	802.3bt
Max. supported data transfer rate:	10 Gb/s
Max. supported power:	90 W
Number of ports:	1
Type:	Injector
Type of packaging:	InLine® carton without Euro perforation

Item No.	Type	EAN
44432C	Injector	4043718344178

If you have any further questions, please contact marketing@inline-info.com

www.inline-info.com/en/

Disclaimer

InLine® is a brand of INTOS ELECTRONIC AG | Siemensstraße 11 | D-35394 Gießen

Documentation © 2025 INTOS ELECTRONIC AG

All rights reserved. No part of this document may be reproduced in any form or by any means, electronic, mechanical or chemical, without the prior written permission of the publisher.

It is possible that this document may still contain typographical faults or misprints.

However, the information in this document will be checked regularly and corrections will be made in the next edition. We accept no liability for errors of a technical or printing nature and their consequences. All trademarks and industrial property rights are acknowledged. Changes in the sense of technical progress can be made without prior notice. Our products, including packaging, are not toys, they may contain small parts and sharp objects.

Please keep away from children.