

# StarTech 802.3at és 802.3af 100m PoE extender



LAN (1Gb/s): 1 port, átviteli hatótávolság: 100m

Cikkszám: POEEXT1GAT

Ár:

90 330 Ft

This Gigabit PoE+ extender spans your Power over Ethernet (PoE) device over longer distances, letting you double the 100m limitations of a traditional PoE infrastructure.

Now you can connect your Gigabit PoE device up to a maximum of 200m away, so it's easy to install a remote IP camera or access point. Plus the extender can be daisy-chained for more scalability.

Unrestricted PoE+ range and convenience

Need more distance? This convenient PoE+ repeater maximizes range and flexibility by extending your PoE connection by an extra 100m (330ft), while providing 24-watt power output to compatible devices.

Simply connect the extender to your power sourcing equipment (PSE) and your PoE-powered device (PD) and you're all set. The extender is compliant with the 802.3at/af standard, so it will work with existing PSE, such as a StarTech.com PoE+ injector (POEINJ1G) or PoE+ switch (IES81000POE).

Daisy chain for longer distance and flexibility

Still need more distance? If an extra 100m isn't enough, this full-featured PoE extender offers daisy chain capability.

You can easily connect four extenders together, letting you install your PoE+ PD up to 500m (1640ft) away. It's perfect for business, education, and retail environments (output wattage is dependent on the number of daisy-chained extenders used).

Convenient installation options and durable construction

Get up and running quickly. This Gigabit PoE+ extender can be positioned right where you need it, with a wall-mountable design that requires no external power adapter.

You can enjoy reliable performance with little worry of downtime or failure, the extender features a rugged metal housing with built-in ESD and surge protection.

The POEEXT1GAT is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Industry Standards	IEEE 802.3af PoE, IEEE 802.3at PoE+
Ports	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T
Performance	1
Auto MDIX	Yes
Auto-Negotiation	Yes
Compatible Networks	10/100/1000 Mbps

Flow Control	Half-duplex back-pressure IEEE 802.3x pause frame for full-duplex
Full Duplex Support	Yes
Jumbo Frame Support	No
Maximum Cable Length	328 ft [100 m]
Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
MTBF	50,000 Hours
Power Output	One extender - 24W Power Output: Two extender daisy chain - 20W Power Output: Three extender daisy chain - 16W Power Output: Four extender daisy chain - 12W
Surge Protection	EN61000-4-2 (ESD) - 2kV EN61000-4-5 (Surge) - 2kV
Switching Architecture	Store-and-Forward
<b>Connector(s)</b>	
Connector Type(s)	2 - RJ-45 Female
<b>Special Notes / Requirements</b>	
<b>Note</b>	Total extension distances can often be shorter due to power delivery voltage-drop on the connected cables. Maximum distances can vary based on the quality of the UTP cables and the environment. You may daisy chain up to 4 POEEXT1GAT units total, for a maximum of 500m. The 4th unit will supply IEEE 802.3af up to 12W output.
Patents and Licenses	The following patents are licensed for this product. This list might not be all inclusive. <ul style="list-style-type: none"><li>• United States Patent No. 5,406,260 (expired)</li><li>• United States Patent No. 6,650,622</li><li>• United States Patent No. 7,457,250</li><li>• United States Patent No. 8,155,012</li><li>• United States Patent No. 8,902,760</li><li>• United States Patent No. 8,942,107</li><li>• United States Patent No. 9,019,838</li><li>• United States Patent No. 9,049,019</li><li>• United States Patent Application No. 14/695,456</li><li>• United States Patent Application No. 14/726,940</li></ul>
System and Cable Requirements	If your connected device does not meet the IEEE 802.3af or IEEE 802.3at PoE standard, then the POEEXT1GAT will not pass-through power to the connected device / Ethernet cable.
<b>Indicators</b>	
LED Indicators	1 - PoE IN 1 - LNK/ACT 1 - PoE OUT
<b>Power</b>	
Input Voltage	52 ~ 56 DC
Power Consumption	3.2 W Max
Power Source	PoE-Powered
<b>Environmental</b>	
Humidity	5~95% RH (Non-Condensing)
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-10°C to 85°C (14°F to 185°F)
<b>Physical Characteristics</b>	
Color	Black
Enclosure Type	Steel
Product Height	1 in [25 mm]
Product Length	3.7 in [94 mm]

Product Weight 6.6 oz [188 g]  
Product Width 2.7 in [69 mm]

**Packaging Information**

Shipping 12 oz [339 g]  
(Package)  
Weight

**What's in the Box**

Included in 1 - Gigabit Power over Ethernet extender  
Package  
1 - instruction manual