2-PORT GIGABIT REPEATER — BUY BACK 100 METERS

GIGABIT NETWORK EXTENDER

An inline repeater that adds another 100 m (330 ft) to any gigabit run, powered by the line itself.



Ethernet stops at 100 meters; shows don't. Drop the Gigabit Network Extender inline and buy back another full 100 m (330 ft) of gigabit reach. It runs off PoE from the line itself — no local power needed — or from a 12 V barrel supply. Same engineering as the switches: wire-speed fabric, jumbo frame support, and Energy Efficient Ethernet disabled so long runs stay just as glitch-free as short ones.

+100 m reach | PoE powered | EEE disabled | Pocket-size

FEATURES

- Extends any gigabit run by up to 100 m (330 ft)
- 2 × 10/100/1000M ports on locking etherCON-style connectors
- Powered by PoE (IEEE 802.3af) on port 1 — no local power required
- True unmanaged operation — no login, no menus, no firmware maintenance
- Energy Efficient Ethernet (IEEE 802.3az) disabled by design — no Green Ethernet interference with sACN / Art-Net
- Non-blocking switching fabric — wire-speed forwarding on all ports simultaneously
- Jumbo frames up to 9,216 bytes forwarded at wire speed
- IEEE 802.1w Rapid Spanning Tree and 802.1s Multiple Spanning Tree (up to 16 instances)
- Hardware IGMP v1/v2/v3 and MLD v1/v2 snooping with Fast Leave
- QoS with per-port input bandwidth control and traffic classification
- IEEE 802.3x flow control (full duplex) with backpressure (half duplex)
- Full duplex 10/100/1000M on every port (half duplex in 10/100M)

SPECIFICATIONS

PORTS	2 × RJ45 (etherCON-style locking), 10/100/1000M
REACH	+100 m (330 ft) per extender
SWITCHING	Non-blocking wire-speed fabric, 2K MAC table, 128 KB packet buffer
ENERGY EFFICIENT ETHERNET	Disabled by design (sACN / Art-Net compatibility)
JUMBO FRAMES	9,216 bytes at wire speed
POWER	PoE IEEE 802.3af via port 1, or 12 V DC barrel connector
DIMENSIONS	100 × 52 × 39 mm (3.9 × 2.0 × 1.5 in)

IN THE BOX

- SKT gigabit network extender

ENERGY EFFICIENT ETHERNET — DISABLED BY DESIGN

IEEE 802.3az (EEE / "Green Ethernet") places links in low-power idle between packets. The wake-up transitions disrupt continuous, time-critical streams such as sACN (E1.31) and Art-Net. All SKT switches ship with EEE permanently disabled at the switch core: links stay awake and frames stay on time.