

N-Connex Extender 3.0

Industrial IP67 Gigabit PoE++ (90W)
High-Power • Long-Range • Rugged Design



Product Overview

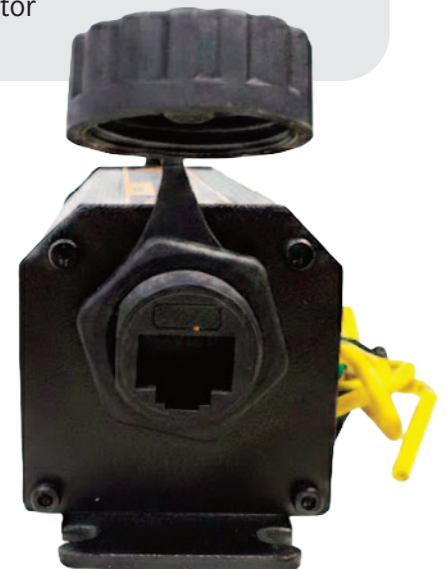
The N-Connex Extender 3.0 is a rugged, industrial Gigabit PoE++ (IEEE 802.3bt) extender engineered to deliver high-power PoE to demanding devices like heavy-duty wireless access points, PTZ cameras and industrial IoT equipment in harsh environments. Delivering up to 72W of power to connected devices, the new Extender 3.0 significantly surpassing the 30W limitation (PoE+) of the previous Extender 2.0.

Up to three extenders can be deployed in a daisy-chain configuration, enabling network and PoE extension up to 400 meters total distance depending on PD's power consumption and PSE's power budget.

The N-Connex Extender 3.0 features IP67-rated Cat6 RJ-45 receptacles, ensuring waterproof and dust-resistant connectivity when paired with N-Connex pre-terminated Cat6 cables. This rugged design requires no external power, as it draws power directly from the switch, guaranteeing a plug-and-play, reliable deployment specifically engineered for industrial environments.

Features

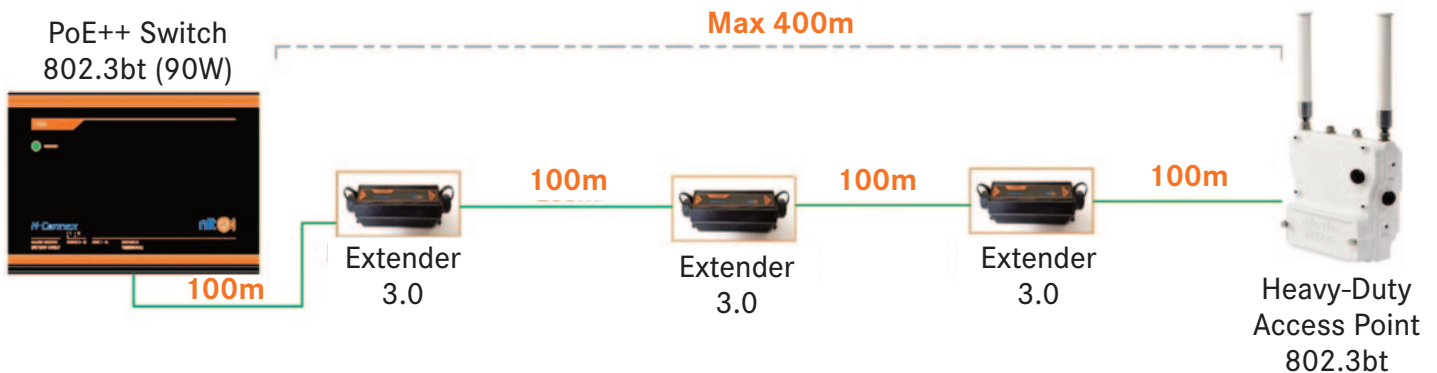
- IEEE 802.3af / 802.3at / 802.3bt compliant
- Delivers up to 72W PoE for PD devices
- Maintains full Gigabit (10/100/1000 Mbps) throughput over extended distances
- Rugged IP67-rated metal enclosure
- Sealed IP67 Cat6 RJ-45 receptacles
- Integrated 6 kV surge protection
- Industrial operating temperature: -40 °C to +55 °C
- Plug-and-play installation (no configuration required)
- Wall-mountable design
- LED power indicator



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NLT Networks

A turn-key partner in the design, deployment and support of scalable networks that revolutionize underground communication, collaboration and operations

NLT Networks was the first company in the world to introduce an underground Wi-Fi network in coal mines. Many of the largest and most reputable mining and tunneling companies in the world rely on NLT Networks for their network and communication needs.

Our solutions and systems are designed specifically for mines and tunnels with a user-friendly rail-based mounting system, meaning modules can be changed by non-technical personnel. Our modular, plug-and-play system, which uses pre-terminated IP67 Ethernet and fiber cables, gives your underground space a solution ready for rapid deployment, ease of maintenance, redeployment and expansion. Not only is it a ruggedized IP67 network – it also gives you a scalable and modular system that will allow you to add hardware where and when you want.



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