

N-Connex Bolt Datasheet

N-Connex. Networks for harsh environments.

Overview

N-Connex Bolt is a compact 802.11, 2.4 GHz outdoor and underground wireless access point. The bolt has an N-type connector enabling the use of many industry standard outdoor antenna options. It is powered by Active PoE for simplified deployment.



Rugged Wireless Access Point

The N-Connex Bolt provides convenient wireless capability to N-Connex based networks via the Distribution and Edge Modules. The Bolt is built for harsh environments. The weatherproof device is IP67 rated and is designed to operate in a wide temperature range. The bolt is capable of 802.11b/g/n and supports data rates of up to 150Mbps. The device housing is designed for multiple mounting options, and can be quickly installed, powered, and commissioned. Powered by Active PoE, only a single cable provides network connectivity and power. The bolt can be used to create a powerful and rugged outdoor access point, client, or bridge. The bolt comes in two variants, as an access point, and as an access point with Wi-Fi tracking functions in order to track people, assets, and vehicles. The bolt may also be purchased standalone or as part of a kit.



NLTGlobalBoltEN-V1

Included Kit Components

- PoE Power Supply
- Mounting Hardware
- 5 dbi Antenna
- Country Specific Power Cord



**Kits may be purchased with a power cord North America or Australia, for other markets, please contact NLT.*



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Specifications

| | |
|----------------------------------|--|
| Standard | IEEE 802.11n, IEEE 802.11bg (mixed mode) |
| Frequency Band | 2.4GHz ISM Band |
| Data Rate | 802.11bg: Up to 54Mbps 802.11n: Up to 150Mbps |
| LED indicators | Power /Link/Ethernet/Signal |
| Ethernet interface | One 10/100 BASE-T RJ-45 Ethernet connector |
| Transmitter Power | Up to 500mW |
| Receive Sensitivity | -91dBm@802.11n, -95dBm@802.11bg |
| Antenna | N-male external antenna connector |
| Security | Wired Equivalent Privacy (WEP) data encryption, Dynamic WEP key exchange WEP64/128, WPA, WPA2 802.1x |
| Power | Active PoE 48V / 4W |
| Dimensions | 15cm Length, 4cm Diameter |
| Operating Temperature | -20°C ~ 65 °C |
| Storage Temperature | -10°C ~ 70 °C |
| Ingress Protection Rating | IP67 |
| Humidity | 5~90% (non-condensing) |

Product Part Numbers

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|------------------|--|
| DS1482 | N-Connex Bolt Wireless Access Point |
| DS1482T | N-Connex Bolt-T – Wireless Access Point w/ Wi-Fi Tracking |
| DS1482US | N-Connex Bolt w/ North American* Accessory Kit |
| DS1482UST | N-Connex Bolt-T w/ North American Accessory Kit and Wi-Fi Tracking |
| DS1482AU | N-Connex Bolt w/ Australian* Accessory Kit |
| DS1482AUT | N-Connex Bolt-T w/ Australian Accessory Kit and Wi-Fi Tracking |
| DS6349 | 5 dbi Omnidirectional Antenna** |

* Power cords for other markets are available, please contact NLT for more information.

** Other antenna options are available.

Note: Technical specifications are subject to change without notice.

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