



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.



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.*

Matrix is the authorized sales and service distributor of NLT N-Connex in the United States and Africa.

www.matrixteam.com

Phone: 812.490.1525 • Fax: 812.490.1582 • 3299 Tower Drive • Newburgh, Indiana 47630 • email: sales@matrixteam.com

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 ~ 65
Storage Temperature	-10 ~ 70
Ingress Protection Rating	IP67
Humidity	5~90% (non-condensing)

Product Part Numbers

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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