



LINK Xi

The LINK Xi, a solid-state, single-phase meter platform providing utilities with improved accuracy and reliability. It is designed to support advanced billing, prepay programs, and small commercial customers without the need for any network infrastructure. The LINK Xi expands your AMI system strategically as budgets allow adding functionality and value to the utility. Its full two-way, leading-edge LTE cellular communication and self-healing mesh capabilities offer built-in redundancy.

With exceptional accuracy of 0.5 percent and advanced outage and voltage monitoring you are getting unprecedented value from your AMI system.

Nighthawk's LINK Xi meter is an innovative single phase meter, which unites the strength of the Itron Centron II with leading-edge communications technology.

The feature rich LINK Xi is enabled by Nighthawk's scalable Adaptiv® platform bringing affordable AMI to the market.



- ANSI table-based smart meter
- Over-the-air upgradable
- On-demand reads & interval data
- Stores more than 5 years hourly energy logging
- Advanced outage management
- Meets ANSI C12.20 0.5 accuracy
- Equipped with a fully rated 200A service switch for:
 - Advanced billing support
 - Reduced service calls
 - Prepay support

Nighthawk's Adaptiv scalable AMI technology is built into the CENTRON ANSI C12.19 compliant meter giving utilities more detailed information. The LINK Xi supports full two-way communications enabling programs such as prepay. Load profile and other data-intensive applications are supported as well.

Meets applicable standards

- ANSI C12.1 - 2008
- ANSI C12.20 (Class 0.5) - 2010
- ANSI C12.18 - 2006
- ANSI C12.19 - 2008
- ANSI C12.21
- FCC CRF Title 47 Part 15.247 subclass C
- Industry Canada RSS-210

General information

- Interval lengths: Programmable from 5, 6, 10, 12, 15, 20, 30 to 60 minutes
- Crystal sync: +0.01% @ 25°C; +0.025% over full temperature range
- Battery: +0.005% @ 25°C; +0.005% to -0.02% over full temp range

Nighthawk module information

- Daily Network time sync
- Extended outage notification
- FCC Part 15 B
- IEEE 802.15.4
- LTE CAT 1

Power requirements

- Voltage rating: 120-240 V (overvoltage capabilities up to 480V)
- Operating voltage: $\pm 20\%$ (60 Hz)
- Frequency: 50Hz, 60 Hz
- Operating range: ± 3 Hz
- Battery voltage: 3.6 V nominal
- Battery operating range: 3.4 - 3.8 V

Display

- Nine-digit liquid crystal display (Annunciator height: 0.088")
- Six-digit data height: 0.4"
- Display duration: 1-15 seconds
- Three-digit code number height: 0.24" 3-segment electronic load indicator

Operating environment

- Temperature: -40° to +85°C
- Humidity: 0% to 95% non-condensing