



# LINK Xa

Nighthawk's LINK Xa meter is an innovative single phase meter which unites the strength of the Aclara I-210+c meter with leading-edge LTE cellular communications and self-healing mesh technology.

The I-210+c is a leading single phase smart meter among utilities for residential installations, with over 10 million units shipped since 2009.

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

This solid-state metering solution is available with or without a load disconnect option. Regardless of your business drivers this meter is ready to support advanced billing, prepay programs, and small commercial customers without the need for any network infrastructure.

The LINK Xa allows you to expand your AMI system strategically as budgets allow, while adding functionality and value to the utility.



- 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
- Typical accuracy within +/- 0.2%
- Optionally equipped with a fully-rated 200A service switch for:
  - Advanced billing support
  - Reduced service calls
  - Prepay support

# LINK Xa

## Nighthawk Adaptiv® LINK Xa meter technical data

### Basic functions

- Bi-directional energy measurements
- Load profile recording
- Time-of-use billing measures
- Tamper detect capability
- Network applications models available for 120 or 240 volt CL 20, CL 100, 200, CL 320 applications
- 50 or 60 Hz operation

### Cover options

- Polycarbonate cover with molded sunshield
- With Optocom "D" ring

### LCD display

- 6 large characters to display the main programmed metering quantities

### Applicable standards

- Performance meets or exceeds industry standards:
  - ANSI C12.19
  - ANSI C12.1
  - ANSI C12.10
  - ANSI C12.20
  - ANSI C37.90.1
  - UL 2735

### Operation range

- Voltage: +/- 20%
- Operates over a broad temperature range (-40C through +85C under the cover)

### Optional functions

- Factory integrated service switch capability

### Accuracy

- Typical accuracy: within +/- 0.2%
- Starting watts: 12W @ 240V, 6W @ 120V
- Typical watt loss: 0.7 Watts

### Rating

- Voltage: 120V –240V
- Current: Class 100, Class 200, Class 320, Class 20
- Frequency: 50 or 60 Hz

### Available models

- ANSI Form 1S, 2S, 3S, 4S, 12S, 25S CL20, CL100, CL200, CL320

### Meter dimensions

- Width: 6.49 in. Max
- Depth: 5.25 in. Max

### Meter weights

- With service disconnect 2.0 - 2.4 lbs.
- Without service disconnect 1.3 - 1.7 lbs.

### Nighthawk module information

- Daily network time sync
- Extended outage notification
- FCC part 15 B
- IEEE 802.15.4
- LTE CAT 1

To learn more visit: [www.nighthawkcontrol.com](http://www.nighthawkcontrol.com)

Nighthawk designs and manufactures Mesh-Cellular Smart Grid AMI solutions for the utility industry. The Nighthawk approach allows for incremental rollout, so cities can develop system wide solutions as time, money, and needs allow. This incremental approach attacks the areas of greatest need first and deploys the latest technology at each step of the plan. Nighthawk 2018 11/18



701 Canyon Drive Ste 105  
Coppell TX 75019  
Phone: 972-717-5555