

NextCentury GW4 Gateway

5G Cellular Gateway with NextCentury Connect™



The [GW4 Gateway](#) introduces the latest in utility management technology, offering plug-and-play deployment and seamless connectivity. It enables real-time data collection, remote monitoring, and secure cloud integration for thousands of devices.

NextCentury Wireless Platform

Powered by NextCentury Connect™ technology, the GW4 ensures superior signal reliability with long-distance 900MHz RF and smart frequency hopping, even in challenging environments.

Seamless Data Management

Designed for accuracy and efficiency, the GW4 Gateway continuously collects and syncs data with the NextCentury Cloud. Even in the event of an internet outage, its solid-state memory ensures that data is stored and transmitted once connectivity is restored. Built-in alerts immediately notify users of connectivity disruptions, enabling proactive maintenance.

Simple Configuration

The GW4 Gateway is designed for fast and hassle-free deployment, minimizing the need for complex configurations. Whether mounted on a wall, in a server room, or alongside networking equipment, the GW4's robust wireless connectivity optimizes performance in a variety of property layouts.

Key Benefits

- Ethernet, WiFi, or built-in 5G cellular
- Supports up to 10,000 devices on one property
- Secure Wireless Communication
- Real-time data access and alerts
- Stores data during connection loss
- Quick setup via mobile app
- Compact size allows installation in tight spaces
- Durable construction designed for long-term use
- FCC and IC approved

Warranty

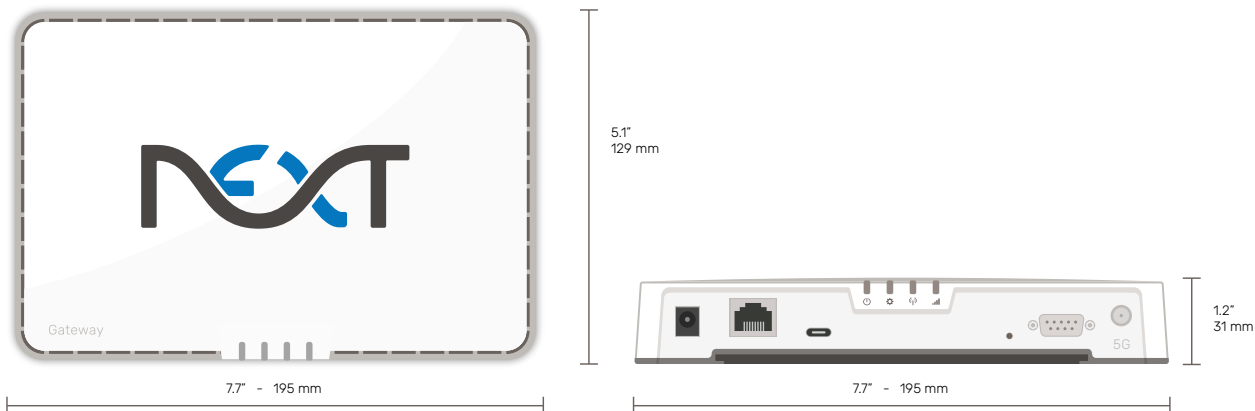
- 3-year standard warranty

Specifications & Installation Guide



Specifications

Dimensions



Technical Summary

Model	Device Capacity	Connectivity
GW4	Up to 10,000	Ethernet, WiFi, 5G/4G LTE
GW4-Lite	Up to 50 devices	Ethernet, WiFi, 5G/4G LTE

Security & Compliance

- Encrypted wireless communication
- Meets FCC & IC regulatory standards
- Firewall compatible for secure networks
- Up to 90% non-condensing humidity

Approvals

- FCC ID: 2AB8I-GW4
- IC: 20949-GW4
- Compliant with all applicable industry standards

Expandability & Integration

- Third-party compatible via expansion port
- Compatible with NextCentury Repeaters to extend range
- Open API for data retrieval and system integration

Wireless Communication

- Two-way NextCentury Connect™
- 902-928 MHz Unlicensed Band

Internet Connectivity

- Ethernet: Gigabit wired connection
- WiFi: 2.4GHz A/B/G/N
- Cellular: 5G & 4G/LTE with no-contract service

Warranty

- Next Meters warrants the Gateway to be free from defects in materials and workmanship for a period of three years from date of manufacture when installed in accordance with these instructions and with limitations as detailed in the complete warranty.
- Due to continuous product improvement and the need to comply with evolving regulations, Next Meters reserves the right to modify product specifications without prior notice.

Power & Environment

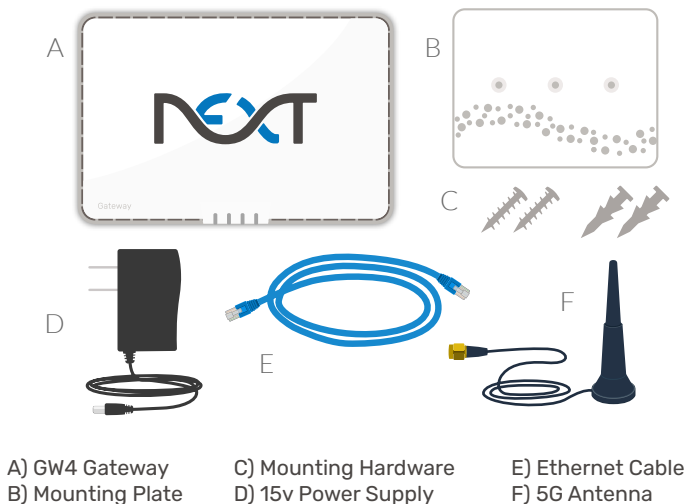
- Power Supply: 15V DC (adapter included)
- Operating Temperature: -4°F to 140°F (-20°C to 60°C)
- Installation: Indoor, dry locations only

Specifications & Installation Guide



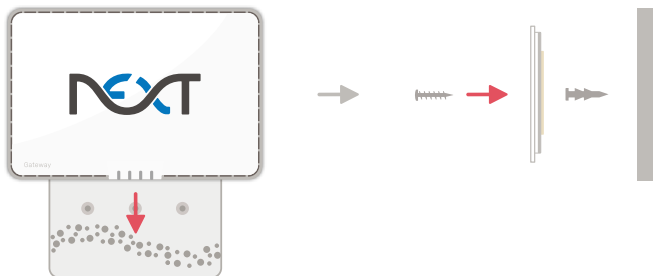
Installation

Package Contents



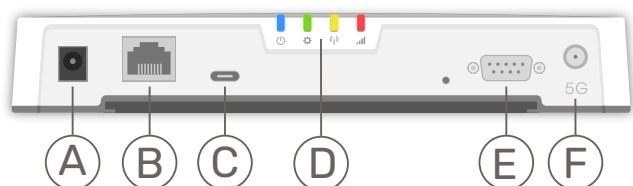
Mounting Plate Installation

Where possible, select installation locations away from immediate obstructions (such as network racks, metal doors, metal support posts, etc.).



Remove the mounting plate from the GW4. Secure the mounting plate using the included tape before anchoring into place using screws. Then slide the GW4 back onto the mounting plate.

Ports



A 15 VDC Power C USB-C Port E 3rd Party Port
B Ethernet Port D LED Indicators F Antenna Port

3rd Party Cable (Optional)

If you will be connecting the Gateway to a 3rd party receiver as part of a property upgrade, connect the 3rd Party Cable before connecting the power supply (see the 3rd Party Cable Quick Start Guide for more information).

Connect & Power-On

Connect the included 5G cellular antenna, then connect the included 15v power supply to an outlet to power on the gateway.



Internet Connection

The Gateway becomes cloud-connected by utilizing one or more of the following internet options.

For an ethernet connection, connect the provided ethernet cable to the Gateway and a data port coming from a router or network switch.

For a WiFi connection, use the “Direct Connect” feature on the NextCentury Mobile App (NCSS) to connect to your Gateway. Select the Configure button and tap “Select Network” under the WiFi section. Then select your WiFi network and enter the password.

To enable cellular, select the “Enable Cellular” toggle on the website or mobile app, activating a simple no-contract cellular service. Cellular Signal LED will indicate if a connection is available.

For any of these options, the Power LED will turn blue to confirm it’s connected.




Specifications & Installation Guide



Installation (cont.)

LED Status Indicators

Power

-  On (Not Cloud Connected)
-  Cloud Connected
-  Running on Backup Power

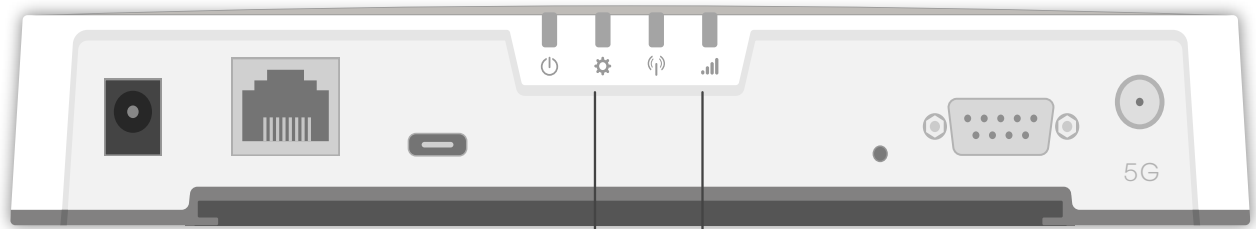
RF Activity

NCSS Device



-  Programmed
-  Unprogrammed

3rd Party

-  Programmed
-  Unprogrammed



Setup

-  Programmed to a Property
-  Not Programmed to a Property

Cellular Signal

-  Good Signal
-  Fair Signal
-  Poor Signal
-  No Connection

Contact

For additional information or assistance, please visit our Support Center or contact our Product Support Team:

support.nextmeters.com

(844) 538-8203

support@nextmeters.com