

Pelican Wireless Extended Range Gateways - GW400 Series

Plug-and-Play Pelican Internet Connection

Pelican Gateways are simple bridges, which automatically connect all your on-site Pelican devices to your Pelican Web-app. Exceeding commercial security standards, all communication is secure, encrypted, and reliable.

Pelican has two gateway options depending on your networking requirements. The GW400 connects to an existing business Ethernet network using a standard CAT 5 connection. The GW400-LTE is a cellular gateway, which runs on the Pelican AnyWhere 4G/LTE cellular network.

Both gateways can provide Internet connectivity for up to 2000 Pelican devices.



- + Ideal for commercial customers
- + Easy to install and set up
- + Automatic Internet connection
- + Supports up to 2000 Pelican wireless devices
- + Uses Advanced Encryption Standards (AES) from the cloud to end device

ETHERNET CONNECTIVITY

The GW400 gateway is a plug-and-play wired Ethernet device. It plugs into an existing Ethernet switch or router and is designed to the highest enterprise security standards. It uses an outbound only connection, with encrypted end-to-end communication, and the option for DHCP (default) or Static IP addressing. Setup is fast and easy for any installation team.

CELLULAR CONNECTIVITY

The GW400-LTE gateway is an integrated cellular-enabled device, which connects your Pelican devices to the Internet. It can be installed anywhere there is cellular connectivity available, eliminating the need for a direct hardwired Ethernet source. It is designed to meet enterprise level security standards and will only communicate with Pelican products.

GW400 / GW400-LTE Gateways

Key Features and Specifications

FEATURES

INTERNET ACCESS AND DEVICE CONNECTIVITY

- + GW400 uses a standard Ethernet LAN/WAN port for Internet connectivity
- + GW400-LTE includes an integrated 4G/LTE modem for cellular Internet connectivity
- + Gateways support up to 2000 Pelican wireless device connections
- + 2.4 GHz, Wireless 802.15.4
- + Complies with Class B Part 15 of FCC rules
- + Pelican's wireless network co-exists with other wireless network standards, including WiFi
- + Self-creating and self-healing wireless mesh network

SECURITY

- + Advanced Encryption Standards (AES) from the cloud direct to end Pelican device (does not de-encrypt and re-encrypt)
- + GW400 uses outbound established connections, no inbound firewall rules required
- + GW400 defaults to DHCP or can be configured to a Static IP address
- + GW400-LTE communicates on the Pelican AnyWhere cellular network*
- + Gateways come factory locked to only allow for communication with other Pelican hardware
- + Does not interact with customer's internal network
- + Does not use WiFi (802.11) communication and remains separate from the business's enterprise WiFi network

*The Pelican AnyWhere Cellular Network requires you to agree to Pelican's cellular Terms of Service and any associated costs before service can be provided. This cellular service is provided by Pelican Wireless Systems and does not require you to sign any third-party cellular provider agreements.

Specifications

POWER

Hardwire 5 VDC; 200 mA (GW400)
Hardware 5 VDC; 2.0 A (GW400-LTE)

WIRELESS

2.4 GHz, IEEE 802.15.4
Complies with Class B Part 15 of FCC rules

TEMPERATURE

Operating Range -4°F to 122°F
Storage Range -20°F to 160°F

RELATIVE HUMIDITY (non-condensing)

5% to 90% Operating and Storage

CERTIFICATIONS

FCC (GW400 and GW400-LTE)
PTCRB (GW400-LTE)

SIZE

4.5-in x 3.5-in x 1.25-in (114 mm x 89 mm x 32 mm)
Antenna H 7.25-in (184 mm)

MOUNTS

Vertically on flat non-metallic surface

What's in the Box

GW400

Ethernet-enabled Gateway
120 VAC / 5 VAC Power Adapter
10-in CAT5 Ethernet Cable

GW400-LTE

Cellular-enabled Gateway
120 VAC / 5 VAC Power Adapter

Requirements

GW400 requires an active Ethernet port that provides outbound Internet connections (e.g., DSL, Cable, T1)

Web Browser to create a Pelican Site
(minimum of Firefox, Chrome, Safari, Internet Explorer 10, Edge, or any browser that supports HTML5)



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