

## GC31 Indoor Cellular Gateway

Connectivity for hard-to-wire  
indoor locations



### Overview

The GC31 Cellular Gateway makes it simple to deploy Verkada products anywhere with power and cell signal. Connect the GC31 to supported power sources, and provide power and data to any Verkada device via PoE. Like all Verkada products, the GC31 is cloud-managed and natively integrates with other devices in our ecosystem. And with Verkada's unlimited data plan, which works out-of-the-box in many countries throughout the world, customers no longer need to work directly with cell carriers.

### Key features

#### Built-in PoE switch

Delivers up to 60W shared power output to run up to two connected Verkada devices directly.

#### Out-of-the-box cellular connectivity

Connects automatically using the pre-installed Verkada SIM or supports custom corporate SIMs.

#### Multi-carrier redundancy

Features dual Nano-SIM slots for automatic failover to the strongest available network.

#### Plug-and-play installation

Comes with an AC/DC 54V power adapter and mounting plate for rapid tabletop or wall-mount deployment.



## GC31 Indoor Cellular Gateway

### Inputs and outputs





## GC31

### Tech specs

#### Cellular

|                     |                                                      |              |                                                                                                                                                  |
|---------------------|------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Connectivity</b> | LTE cellular CAT 12                                  | <b>MIMO</b>  | 2x2 DL MIMO                                                                                                                                      |
| <b>SIM</b>          | 2 SIM slots (Nano 4FF)<br>Dual SIM/auto SIM failover | <b>Bands</b> | B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17,<br>B18, B19, B20, B25, B26, B28, B29, B30, B38,<br>B39, B40, B41, B42, B43, B48 (CBRS), B66, B71 |
| <b>Antennas</b>     | 2 x external omni (SMA)                              |              |                                                                                                                                                  |

#### Inputs and outputs

|                    |                                                                                                    |                     |                                                           |
|--------------------|----------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------|
| <b>Ethernet</b>    | 2 x GigE RJ45 ports<br>(1 x LAN and 1 x WAN/LAN configurable)                                      | <b>Power output</b> | 2 x 802.3bt PoE++ capable ports<br>60W total power budget |
| <b>Power input</b> | 54V DC Barrel Jack (6.5/3.0mm OD/ID)<br>100-240V AC/DC power adapter<br>included (region specific) | <b>GNSS/GPS</b>     | Passive GNSS<br>(GPS, GLONASS, and Galileo)               |

#### Compliance and certifications

|                     |                                       |                             |                                                  |
|---------------------|---------------------------------------|-----------------------------|--------------------------------------------------|
| <b>RF &amp; EMC</b> | CE, FCC, IC, UKCA, RCM, NOM, VCCI     | <b>Cellular<sup>1</sup></b> | PTCRB, GCF, Verizon, T-Mobile,<br>AT&T, FirstNet |
| <b>Safety</b>       | UL/IEC 62368-1, CSA C22.2 No. 62368-1 |                             |                                                  |

#### General

|                              |                                                                                                                                             |                             |                                                                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Power consumption</b>     | 9W<br>Note: Does not include connected devices                                                                                              | <b>Weight</b>               | 1.3lb / 0.6kg                                                                                                                                                       |
| <b>Operating temperature</b> | 14°F to 122°F / -10°C to 50°C                                                                                                               | <b>LEDs</b>                 | 1 status LED, 2 SIM indicator LEDs,<br>4 signal strength LEDs                                                                                                       |
| <b>Humidity</b>              | 5-90% RH non-condensing                                                                                                                     | <b>Warranty</b>             | 10 years                                                                                                                                                            |
| <b>Dimensions</b>            | Main Unit:<br>L: 4.9in / 125mm<br>W: 4.9in / 125mm<br>H: 1.2in / 30mm<br>Antenna:<br>L: 0.8in / 20mm<br>W: 0.4in / 10mm<br>H: 5.4in / 136mm | <b>Included accessories</b> | 2 x SMA antennas, AC/DC power adapter<br>and cord, mount plate, 4 x wall anchors, T10<br>security torx screwdriver, 4 M4 x 25mm PH2<br>wall screws, RJ45 port cover |
| <b>Mounting options</b>      | Wall mount or tabletop<br>(with Kensington slot)                                                                                            |                             |                                                                                                                                                                     |

1. Cellular carriers and operators throughout the world may only require telecom industry certifications such as PTCRB to operate on their network. Some carriers require additional testing and approval, beyond telecom certifications. A carrier listed in the approvals section means Verkada completed additional testing and acquired technical approval for that given carrier. Any carrier not listed may not require additional testing or approval beyond telecom industry certifications to operate on their network.



## Accessories

The GC31 Indoor Cellular Gateway comes with an AC/DC power adapter with a regionalized plug.

The following accessories are available from Verkada.



**ACC-POE-90W-E**  
Outdoor 90W PoE++ Injector

**Use case:**

For powering the GC31-E in harsh environments. The GC31-E can be mounted directly on the injector.

[Datasheet](#)



**ACC-POE-90W**  
90W PoE++ Injector

**Use case:**

For powering the GC31-E when the injector can be placed indoors or within a NEMA enclosure.

[Datasheet](#)



**ACC-ADAP-54V**  
AC/DC Power Adapter

**Use case:**

Included with the GC31, but can be purchased for use with the GC31-E. Place the adapter indoors or within a NEMA enclosure.

[Datasheet](#)



**ACCX-TAP-DC100-E**  
AC/DC 7-Pin Light Pole Power Tap

**Use case:**

Power the GC31-E by tapping into a streetlight. The power tap connects directly to AC and provides DC via PoE.

[Datasheet](#)



## Ordering information

### Indoor Cellular Gateway

| Model number | Description                                               | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|--------------|-----------------------------------------------------------|-------------------------------|-------------------------------|
| GC31-HW-AU   | GC31 Cellular Gateway, Indoor, Australia Type I Plug      | \$999                         | \$999                         |
| GC31-HW-EU   | GC31 Cellular Gateway, Indoor, Europe Type F Plug         | \$999                         | \$999                         |
| GC31-HW-NA   | GC31 Cellular Gateway, Indoor, North America Type B Plug  | \$999                         | \$999                         |
| GC31-HW-UK   | GC31 Cellular Gateway, Indoor, United Kingdom Type G Plug | \$999                         | \$999                         |

### Indoor Cellular Gateway license (new/capacity increase)

Each cellular gateway requires a license, which includes unlimited data for Verkada non-video devices.

| Model number   | Description                                                                                                  | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|----------------|--------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| LIC-GC-1Y-CAP  | 1-Year Cellular Gateway License, Capacity Increase<br>Includes unlimited data for Verkada non-video devices  | \$349                         | \$349                         |
| LIC-GC-3Y-CAP  | 3-Year Cellular Gateway License, Capacity Increase<br>Includes unlimited data for Verkada non-video devices  | \$999                         | \$999                         |
| LIC-GC-5Y-CAP  | 5-Year Cellular Gateway License, Capacity Increase<br>Includes unlimited data for Verkada non-video devices  | \$1,599                       | \$1,599                       |
| LIC-GC-10Y-CAP | 10-Year Cellular Gateway License, Capacity Increase<br>Includes unlimited data for Verkada non-video devices | \$3,199                       | \$3,199                       |

1. The CH52-E Multisensor requires 4 data licenses (1 for each camera head).



# Ordering information

## Indoor Cellular Gateway data plan (new/capacity increase)

Data for Verkada video devices, such as cameras or intercoms, can be purchased through add-on licenses. Customers bringing their own SIM/plan do not need these licenses.

Our data plan includes unlimited data for one video device.

| Model number      | Description                                                                                                                | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| LIC-GC-1VD-1Y-CAP | 1-Year Cellular Gateway Data Plan, Capacity Increase<br>Includes unlimited data for Verkada non-video devices <sup>1</sup> | \$599                         | \$599                         |
| LIC-GC-1VD-3Y-CAP | 3-Year Cellular Gateway Data Plan, Capacity Increase<br>Includes unlimited data for Verkada non-video devices <sup>1</sup> | \$1,799                       | \$1,799                       |
| LIC-GC-1VD-5Y-CAP | 5-Year Cellular Gateway Data Plan, Capacity Increase<br>Includes unlimited data for Verkada non-video devices <sup>1</sup> | \$2,999                       | \$2,999                       |

1. The CH52-E Multisensor requires 4 data licenses (1 for each camera head).



## Ordering information

### Indoor Cellular Gateway license (renewal)

Each cellular gateway requires a license, which includes unlimited data for Verkada non-video devices.

| Model number   | Description                                                                                        | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|----------------|----------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| LIC-GC-1Y-RNW  | 1-Year Cellular Gateway License, Renewal<br>Includes unlimited data for Verkada non-video devices  | \$349                         | \$349                         |
| LIC-GC-3Y-RNW  | 3-Year Cellular Gateway License, Renewal<br>Includes unlimited data for Verkada non-video devices  | \$999                         | \$999                         |
| LIC-GC-5Y-RNW  | 5-Year Cellular Gateway License, Renewal<br>Includes unlimited data for Verkada non-video devices  | \$1,599                       | \$1,599                       |
| LIC-GC-10Y-RNW | 10-Year Cellular Gateway License, Renewal<br>Includes unlimited data for Verkada non-video devices | \$3,199                       | \$3,199                       |

### Indoor Cellular Gateway data plan (renewal)

Data for Verkada video devices, such as cameras or intercoms, can be purchased through add-on licenses. Customers bringing their own data plan do not need these licenses.

The data plan includes unlimited data for one video device.

| Model number      | Description                                                                                                      | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|-------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| LIC-GC-1VD-1Y-RNW | 1-Year Cellular Gateway Data Plan, Renewal<br>Includes unlimited data for Verkada non-video devices <sup>1</sup> | \$599                         | \$599                         |
| LIC-GC-1VD-3Y-RNW | 3-Year Cellular Gateway Data Plan, Renewal<br>Includes unlimited data for Verkada non-video devices <sup>1</sup> | \$1,799                       | \$1,799                       |
| LIC-GC-1VD-5Y-RNW | 5-Year Cellular Gateway Data Plan, Renewal<br>Includes unlimited data for Verkada non-video devices <sup>1</sup> | \$2,999                       | \$2,999                       |

1. The CH52-E Multisensor requires 4 data licenses (1 for each camera head).



## Ordering information

### Indoor Cellular Gateway licences for government (new/capacity increase)

Each cellular gateway requires a license which includes unlimited data for Verkada non-video devices.

| Model number     | Description                                                                                                                 | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| LIC-GC-1Y-CAP-G  | 1-Year Cellular Gateway License for Government, Capacity Increase<br>Includes unlimited data for Verkada non-video devices  | \$449                         | \$449                         |
| LIC-GC-3Y-CAP-G  | 3-Year Cellular Gateway License for Government, Capacity Increase<br>Includes unlimited data for Verkada non-video devices  | \$1,249                       | \$1,249                       |
| LIC-GC-5Y-CAP-G  | 5-Year Cellular Gateway License for Government, Capacity Increase<br>Includes unlimited data for Verkada non-video devices  | \$1,999                       | \$1,999                       |
| LIC-GC-10Y-CAP-G | 10-Year Cellular Gateway License for Government, Capacity Increase<br>Includes unlimited data for Verkada non-video devices | \$3,999                       | \$3,999                       |

### Indoor Cellular Gateway data plan for government (new/capacity increase)

Data for Verkada video devices, such as cameras or intercoms, can be purchased through add-on licenses. Customers bringing their own SIM/plan do not need these licenses.

Our data plan includes unlimited data for one video device.

| Model number        | Description                                                                                                                               | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| LIC-GC-1VD-1Y-CAP-G | 1-Year Cellular Gateway Data Plan for Government, Capacity Increase<br>Includes unlimited data for Verkada non-video devices <sup>1</sup> | \$599                         | \$599                         |
| LIC-GC-1VD-3Y-CAP-G | 3-Year Cellular Gateway Data Plan for Government, Capacity Increase<br>Includes unlimited data for Verkada non-video devices <sup>1</sup> | \$1,799                       | \$1,799                       |
| LIC-GC-1VD-5Y-CAP-G | 5-Year Cellular Gateway Data Plan for Government, Capacity Increase<br>Includes unlimited data for Verkada non-video devices <sup>1</sup> | \$2,999                       | \$2,999                       |

1. The CH52-E Multisensor requires 4 data licenses (1 for each camera head).



## Ordering information

### Indoor Cellular Gateway license for government (renewal)

Each cellular gateway requires a license, which includes unlimited data for Verkada non-video devices.

| Model number     | Description                                                                                                    | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| LIC-GC-1Y-RNW-G  | 1-Year Cellular Gateway License for Government, Renewal<br>Includes unlimited data for 1 Verkada video device  | \$449                         | \$449                         |
| LIC-GC-3Y-RNW-G  | 3-Year Cellular Gateway License for Government, Renewal<br>Includes unlimited data for 1 Verkada video device  | \$1,249                       | \$1,249                       |
| LIC-GC-5Y-RNW-G  | 5-Year Cellular Gateway License for Government, Renewal<br>Includes unlimited data for 1 Verkada video device  | \$1,999                       | \$1,999                       |
| LIC-GC-10Y-RNW-G | 10-Year Cellular Gateway License for Government, Renewal<br>Includes unlimited data for 1 Verkada video device | \$3,999                       | \$3,999                       |

### Indoor Cellular Gateway data plan for government (renewal)

Data for Verkada video devices, such as cameras or intercoms, can be purchased through add-on licenses. Customers bringing their own SIM/plan do not need these licenses.

Our data plan includes unlimited data for one video device.

| Model number        | Description                                                                                                                  | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|---------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| LIC-GC-1VD-1Y-RNW-G | 1-Year Cellular Gateway Data Plan for Government, Renewal<br>Includes unlimited data for 1 Verkada video device <sup>1</sup> | \$599                         | \$599                         |
| LIC-GC-1VD-3Y-RNW-G | 3-Year Cellular Gateway Data Plan for Government, Renewal<br>Includes unlimited data for 1 Verkada video device <sup>1</sup> | \$1,799                       | \$1,799                       |
| LIC-GC-1VD-5Y-RNW-G | 5-Year Cellular Gateway Data Plan for Government, Renewal<br>Includes unlimited data for 1 Verkada video device <sup>1</sup> | \$2,999                       | \$2,999                       |

1. The CH52-E Multisensor requires 4 data licenses (1 for each camera head).



## Ordering information

### Indoor Cellular Gateway accessories

| Model number    | Description                                                                   | US cost (MSRP) <sup>USD</sup> | WW cost (MSRP) <sup>USD</sup> |
|-----------------|-------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| ACC-ADAP-54V-AU | AC/DC Barrel Jack Power Adapter, 54V, Indoor, Australia Type I Plug           | N/A                           | \$89                          |
| ACC-ADAP-54V-EU | AC/DC Barrel Jack Power Adapter, 54V, Indoor, Europe Type F Plug              | N/A                           | \$89                          |
| ACC-ADAP-54V-NA | AC/DC Barrel Jack Power Adapter, 54V, Indoor, North America Type B Plug       | \$89.                         | \$89                          |
| ACC-ADAP-54V-UK | AC/DC Barrel Jack Power Adapter, 54V, Indoor, United Kingdom Type G Plug      | N/A                           | \$89                          |
| ACC-POE-90W-AU  | 90W PoE++ (802.3bt Type 4) Injector, GigE, Indoor, Australia Type I Plug      | N/A                           | \$169                         |
| ACC-POE-90W-EU  | 90W PoE++ (802.3bt Type 4) Injector, GigE, Indoor, Europe Type F Plug         | N/A                           | \$169                         |
| ACC-POE-90W-NA  | 90W PoE++ (802.3bt Type 4) Injector, GigE, Indoor, North America Type B Plug  | N/A                           | \$169                         |
| ACC-POE-90W-UK  | 90W PoE++ (802.3bt Type 4) Injector, GigE, Indoor, United Kingdom Type G Plug | \$169                         | \$169                         |