

Installation Guide

Zigbee Gateway 4030

Copyrights

The information in this document is subject to change at the sole discretion of ASSA ABLOY without notice.

Any use, operation or repair in contravention of this document is at your own risk. ASSA ABLOY does not assume any responsibility for incidental or consequential damages arising from the use of this manual.

All information and drawings in this document are the property of ASSA ABLOY. Unauthorized use and reproduction is prohibited.

Table of contents

- FCC and ISED (IC) statements3
 - FCC statements.....3
 - ISED (IC) statements.....3
 - Déclarations d'ISED (IC).....4
- 1. Introduction.....5
 - 1.1 Network interfaces5
 - 1.2 Product Security Center5
- 2. Dimensions.....5
- 3. LED signals.....6
- 4. Gateway ports etc6
- 5. Quick reference of technical data7
- Revision history8

October 2025

FCC and ISED (IC) statements

FCC statements

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Exposure statement

This equipment complies with FCC/IC RF exposure limits set forth for general population/uncontrolled exposure, the antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from any persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Label

The gateway device, model *Zigbee Gateway 4030*, must be labeled to say **FCC ID: Y7V-GW4030C1**.

ISED (IC) statements

This device complies with Industry Canada licence-exempt RSS standard CAN ICES-3 (B)/NMB-3(B) B.

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

The radio transmitter **IC: 9514A-GW4030C1** has been approved by Industry Canada to operate with the antenna type listed below with the indicated maximum permissible gain and required antenna impedance. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Name/Model	Gain	Impedance
2.4 MHz F-inverted PCB antenna	5.2 dBi	50 ohm

Exposure statement

This equipment complies with FCC/IC RF exposure limits set forth for general population/uncontrolled exposure, the antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from any persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Label

The term "IC" before the equipment certification number only signifies that the Industry Canada technical specifications were met.

The gateway device, *Zigbee Gateway 4030*, must be labeled to say **IC: 9514A-GW4030C1**.

Déclarations d'ISED (IC)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Conformément aux réglementations d'Industrie Canada, cet émetteur radio peut uniquement fonctionner à l'aide d'une antenne dont le type et le gain maximal (ou minimal) pour cet émetteur est approuvé par Industrie Canada. Pour réduire le risque d'interférence éventuelle pour les autres utilisateurs, le type et le gain de l'antenne doivent être choisis de manière à ce que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne soit pas supérieure à la puissance nécessaire à une bonne communication.

L'émetteur radio **IC: 9514A-GW4030C1** a été approuvé par Industrie Canada pour une utilisation avec les types d'antenne indiqués ci-dessous avec le gain maximum autorisé indiqué et l'impédance d'antenne requise. Il est strictement interdit d'utiliser avec cet appareil un type d'antenne ne figurant pas dans cette liste ou ayant un gain supérieur au gain maximum indiqué pour ce type.

Appellation/Modèle	Gain	Impédance
Antenne 2.4 MHz F-invertée PCB	5.2 dBi	50 ohm

Déclaration d'exposition aux rayonnements

Cet équipement est conforme aux limites d'exposition RF d'Industrie Canada établies pour la population générale / exposition non contrôlée. L'antenne utilisée pour cet émetteur doit être installée pour fournir une distance de séparation d'au moins 20 cm de toute personne et ne doit pas être co-localisée ou fonctionner conjointement avec une autre antenne ou un autre émetteur.

Étiquette

Le terme "IC" devant le numéro de certification signifie seulement que les spécifications techniques Industrie Canada ont été respectées.

Le Modèle *Zigbee Gateway 4030* doit porter une étiquette avec la mention: **IC: 9514A-GW4030C1**.

1. Introduction

This guide describes the dimensions, LEDs, ports etc on *Zigbee Gateway 4030* (from now on in this document referred to as 'gateway').

Important: Before mounting the gateway, it must be commissioned for the Vostio system over USB using Vostio Service Tool; see [1]. A standard USB-C to USB-C cable can be used; connect the cable to the Android phone first and then the other end to the USB-C port on the gateway. Once the gateway is commissioned, it will appear in Vostio Web Portal. Information about viewing, editing and deleting gateways from Vostio Web Portal is also available in [1].

1.1 Network interfaces

There are two network interfaces available on the device:

- Over Ethernet, to connect the gateway to the server
- Over Zigbee, to allow other devices to connect to the gateway

Both interfaces expose services to allow communication between server and devices.

- The Ethernet interface is exposed in factory default state to allow the device to be commissioned into a Vostio Access Management or Visionline system.
- The Zigbee interface is only available after commissioning.

1.2 Product Security Center

We provide security information, e.g. best practices and advisories for our products and services, at [Product Security Center](#). In case of any vulnerabilities impacting our products or services, we publish advisories in accordance with our responsible disclosure policy.

2. Dimensions

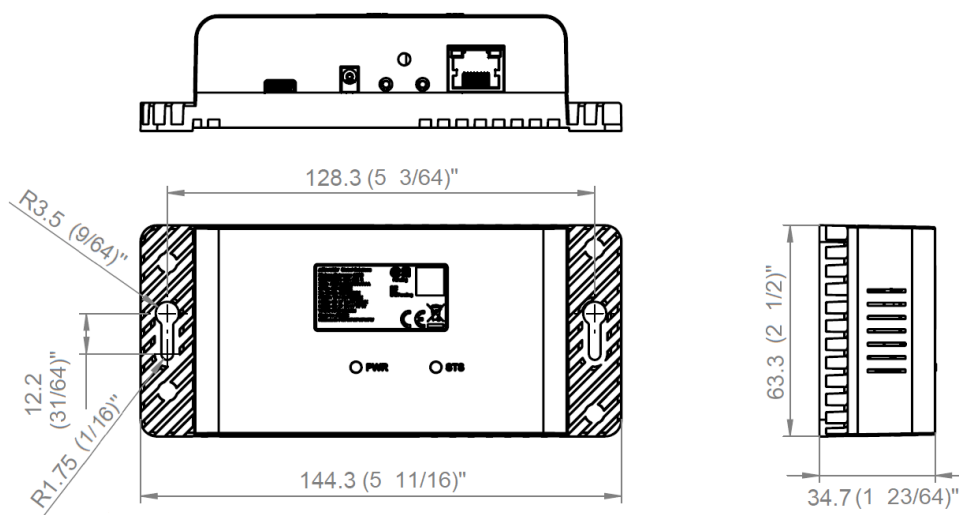
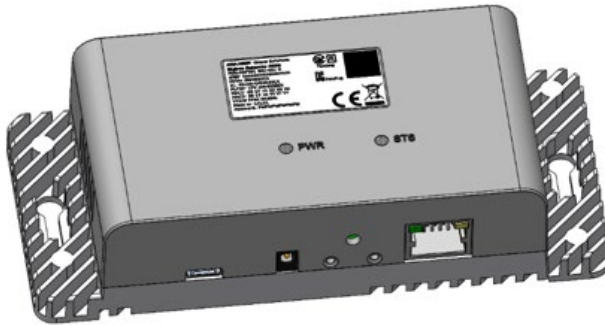


Figure 1: Gateway dimensions in mm (inches)

[1] Setup and user guide Vostio online

3. LED signals



The power LED (marked **PWR**) shows a green light when the gateway is powered up.

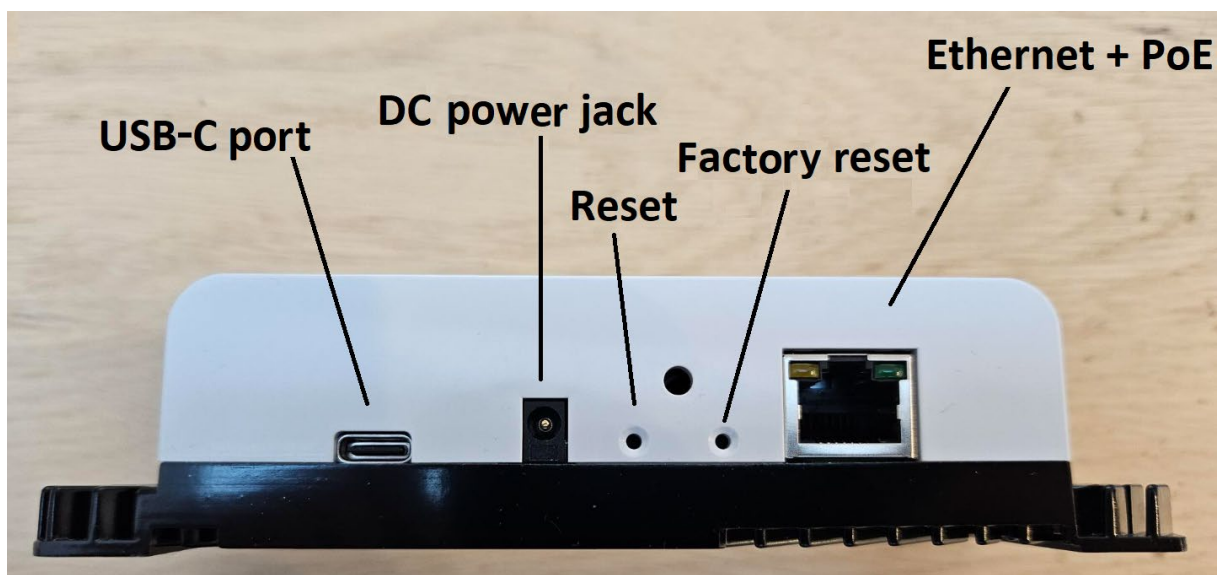
The status LED (marked **STS**) signals according to Table 1.

Figure 2

LED signal	Description
No signal	Gateway is starting up
Blinking green (fast)	Gateway is initializing connection to the cloud
Blinking green (slow)	Gateway is connected to the cloud
Solid purple	Zigbee firmware upgrade or verification is in progress
Solid orange	Gateway is not provisioned to the cloud
Blinking red (slow)	Error when connecting to the cloud
Blinking red (fast)	Other error

Table 1

4. Gateway ports etc



The **Reset** button performs a hardware reset, i.e. restarts the gateway unit.

5. Quick reference of technical data

- Automatic adjustment to 10 or 100 Mbit/s networks
- Powering options:
 - Power adapter 12VDC/1A is included at delivery
 - PoE IEEE 802.3at Class 2 (output power 6.49W)
- Low power consumption
- Flame retardant ABS
- UL94 V-0 approved
- Colour: white
- Suitable for operation in the range 5-50° C and 10-90% non-condensed relative humidity
- Preferred way of mounting the gateway is in the ceiling

Revision history

Revision	Date	Description	Author
0	October 24, 2025	Initial release	KG

