



Halo Node v2.0



PB00019_MultilingualUserManualforHaloNODEv2.0_RevA

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English

The Halo Node is an integral part of the Augury continuous monitoring, analytics, and diagnostics solutions system.

The Halo Node functions as a smart wireless gateway, which connects and controls the Augury Endpoint sensors (EPs) via BLE. The Halo Node is the gateway for the data transfer via an internet connection (Wi-Fi or Ethernet) to the Augury analytics and monitoring applications in the cloud.

Halo Node is manufactured by Augury Systems Ltd.

Manufacturers contact information: Augury Systems Ltd, 39 Haatzmaut Street, Israel.

Country of Origin

See the label on the product for the country of origin.

Packaging Halo Node kit package must arrive sealed and includes all screws and parts for installation. Date and location of manufacture. The serial number on the device contains the date and location of manufacture.

Installation The Halo Node can only be installed by certified Augury

Halo installers according to the Augury Halo Node installation instructions.

Device Operation The Halo Node can only be operated as part of a complete Augury Halo system.

Max. ambient operating temperatures

-40°C to +85°C (-40°F to +185°F)

Operating Temperature

-25°C to 85°C (-13°F to 185°F) Ambient Relative

Humidity 5% to 95% (non-condensing)

Storage

Store the device in a location with an ambient temperature of

-40°C to +85°C (-40°F to +185°F)

Equipment Malfunction

Any Halo system malfunction must be communicated to Augury Systems Ltd. or its authorized distributor.

System maintenance can only be performed by certified Augury Halo technicians.



Device Disposal Dispose of a damaged Halo Node device according to your local disposal regulations

for low-voltage electronic devices.

Enclosure Sealing IP66

Weight - 1kg. (2.2lbs.)

HxWxD 242mm x 164mm x 53mm Input power 100-240V AC 0.75-0.5A (50/60Hz or PoE 802.3af) powered device Wi-Fi Wireless LAN 2.4GHz, 802.11b/g/n (TI WiLink 8WL1837 module), WPA2-PSK/EAP, Wireless communication Output power (peak) < 20dBm Notes: 5GHz Band 5 180-5700GHz WiLink 8 WL1837 module wireless communication output power peak 23.9

BLE

Bluetooth Low Energy 4.1 Ethernet Ethernet 1000Base-T, RJ45

Antenna Outdoor Dual Band Omni Antenna 2.4GHz: 5dBi **Communication** FCC ID: 2A3XG-AC00013, IC: 28013-AC00013

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.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority

to operate the equipment.

RF Exposure The device has been evaluated to meet general RF exposure requirement. The distance between user and device should be no less than 20cm.

CE Warning We declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

GB Compliance Statement

Arashi Vision Inc. hereby, declares that this product is in compliance with the essential requirement and other relevant provisions of Radio Equipment Regulations 2017.

Manufacturer: Augury systems Ltd.

Address: 39 Haatzmaut St., 1st Floor, Haifa, 3303320, Israel

BLE: 2402 to 2480MHz EIRP<10dBm

Wi-Fi 2.4GHz: 2412 to 2472MHz EIRP<20dBm

Wi-Fi 5GHz: 5150 to 5700MHz EIRP<20dBm, 5725 to 5850MHz EIRP<10dBm

The device is restricted to indoor use when operated in the European Community using frequency 5150MHz-5250MHz to reduce the potential for interference.



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SK	FI	SE
UK		



เครื่องวิทยุคมนาคมนี้ ได้รับยกเว้น ไม่ต้องได้รับใบอนุญาตให้มี ใช้ซึ่งเครื่องวิทยุคมนาคม หรือตั้งสถานีวิทยุคมนาคมตามประกาศ กสทช. เรื่อง เครื่องวิทยุคมนาคม และสถานีวิทยุคมนาคมที่ได้รับยกเว้นไม่ต้องได้รับใบอนุญาตวิทยุคมนาคม ตามพระราชบัญญัติวิทยุคมนาคม พ.ศ. 2498



กสทช. โทรคมนาคม
สำนักงานคณะกรรมการ
Call Center 1200 (Incall)

This radio transmitter [IC:28013-AC00013] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below,
with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.
Type of antenna used: External Antenna
Maximum antenna gain: 5dBi
Impedance required by antenna: 50Ω This device offers the following frequency bands in EU areas only and maximum radio-frequency power:
BLE: EIRP<10dBm
Wi-Fi 2.4GHz EIRP <20dBm
Wi-Fi 5GHz EIRP : 5150 to 5700MHz<20dBm, 5725 to 5850MHz<13.98dBm
Manufacture: Augury systems Ltd.

IC STATEMENT

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

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

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The distance between user and device should be no less than 20cm.
la distance entre l'utilisation et l'appareil ne doit pas être inférieure à 20 cm.

The device for operation in the band 5150-5250 MHz is restricted to indoor use only.

L'appareil pour fonctionner dans la bande 5150-5250 MHz est limité à un usage intérieur seulement.