



Product Description

I/O: 4 UI's, 2 AO's & 4 BO's

Temp & Humidity (default)

BACnet MSTP (default)

Applications:

???

Ref: Firmware version 1.2.0 or later

Model Information

MODEL	TEMP RH%	MOTION	CO2 NDIR	BACNET WIFI	MSTP
OSTV424HW	X			X	X
OSTV424MHW	X	X		X	X
OSTV424MHCW	X	X	X	X	X

Quick links:

○ ???



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Under construction...

Symbol Definitions

The symbols defined below are used throughout this document to highlight information that requires particular attention.



ATTENTION: This information requires special consideration.



TIP: Identifies advice or hints to help the user perform certain tasks.



WARNING: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, equipment damage, or data loss. It may also be used to alert against unsafe practices.



CAUTION: Indicates a situation where users must observe precautions for handling electrostatic-sensitive devices

Cybersecurity

The Strato Automation OSTV424 series controllers present a low cybersecurity risk profile due to their streamlined design. These devices do not store, process, or transmit sensitive customer or enterprise data. All communications use standard open building automation protocols (BACnet/IP and BACnet MS/TP), which are not intended to carry confidential information.

Cybersecurity considerations for the OSTV424 therefore focus on network-level protection rather than device-level defenses. Recommended best practices include deploying the controllers on segmented building automation networks, restricting unnecessary access, and conforming to site-specific IT security policies. By design, the OSTV424 minimizes exposure, delivering reliable operation without adding unnecessary cybersecurity complexity.

Compliance

ISED non-interference disclaimer

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.

This device complies with the Canadian ICES-003 Class B specifications. CAN ICES-003(B) / NMB-003(B).

ISED RF Exposure statement

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.9 inches) between the radiator and any part of your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

J.2 Restrictions

- a. Except as allowed in J.2(b), devices are only to be used when the aircraft is on the ground.
- b. Devices used in-flight are subject to the following restrictions:
 - i. they shall be used within closed, exclusive on-board, communication networks within the aircraft
 - ii. they shall not be used in wireless avionics intra-communication (WAIC) applications where external structural sensors or external cameras are mounted on the outside of the aircraft structure
 - iii. they shall not be used on aircraft equipped with a body/fuselage that provides little or no RF attenuation except when installed on unmanned air vehicles (UAVs) and complying with J.2(d)
 - iv. devices operating in the 59.3-71.0 GHz band shall not be used except if they meet all of the following conditions:
 1. they are FDS
 2. they are installed within personal portable electronic devices
 3. they comply with the relevant requirements in J.3.2(a), J.3.2(b) and J.3.2(c)

FCC Compliance Statement

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.

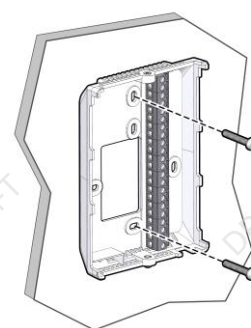
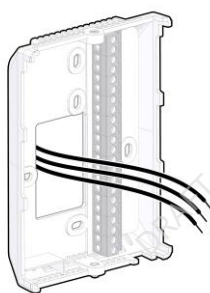
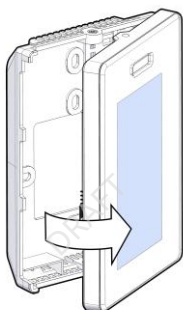
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Exposure Statement

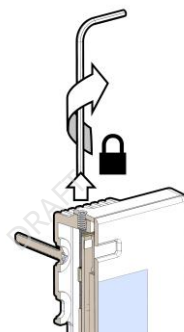
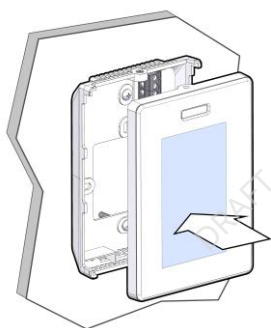
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, this equipment should be installed and operated with minimum distance 20 cm (7.9 inches) between the antenna and your body during normal operation. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Installation

1. After unpacking your OSTV424, gently pull away from the base using the left side of the front cover.
2. Pull the wires through the hole in the base.
3. Use 2 screws to attach the base to the wall.



4. Connect the wires to the terminals. Refer to the documentation for the proper connections. Then, gently push the front cover straight on to the base.
5. Optionally use the lock screws on top and bottom to secure the cover. Use a 1/16" Allen key and turn counterclockwise until flat with cover.



Electronic controls are static sensitive devices; discharge yourself properly before manipulating and installing the device.



Short circuits or incorrect wiring may permanently damage the controller. Double-check your wiring before applying power.

If a control failure could lead to personal injury and/or property loss, the installer must add safety devices and/or alarm systems to protect against failures.

