



VENSTAR 1DX Communication Module User Manual

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VENSTAR 1DX Communication Module



Supply Voltage

		Min.	Typ.	Max.	Unit
Specification Temperature Range		-40	+25	+85	deg.C
Specification Voltage	VBAT	3.0	3.6	4.8	V
	VDDIO	1.71	1.8or3.3	3.63	V

Antenna

Please perform the antenna design that followed the specifications of the antenna.
The concrete contents of a check are the following three points.

1. It is the same type as the antenna type of antenna specifications.
Confirm the same size as the Gerber file.
2. An antenna gain is lower than a gain given in antenna specifications. Measure the gain, and confirm the peak gain is less than the application value (1.4dBi) 3) The emission level is not getting worse. Measure the spurious, and confirm degradation of less than 3dB than spurious value of worst of report used for the application. However it is spurious defined below. Please send those reports to Venstar Venstar – 1DX

FCC Statment

For OEM integration only — device cannot be sold to general public. Therefore we will ask OEM to include the following statements required by FCC/IC on the product and in the Installation manual Notice. Please describe the following warning on the final product which contains this module.

Certification labelling guidance:

This device contains FCC ID: MUH-DAIKIN1P2This device contains IC: 12547A-DAIKIN1P2 Or Contains FCC ID: MUH-DAIKIN1P2 Contains IC: 12547A-DAIKIN1P2 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 Venstar could void the user's authority to operate the equipment. 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 contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic

Development Canada’s license-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 radio transmitter 12547A-DAIKIN1P2 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.

Please perform the antenna design that followed the specifications of the antenna. The concrete contents of a check are the following three points.

- 1. It is the same type as the antenna type of antenna specifications. Confirm the same size as the Gerber file.
- 2. An antenna gain is lower than a gain given in antenna specifications. Measure the gain, and confirm the peak gain is less than the application value (1.4dBi)
- 3. The emission level is not getting worse. Measure the spurious, and confirm degradation of less than 3dB than spurious value of worst of report used for the application. However, it is spurious defined below. Please send those reports to Venstar Venstar – 1DX

Documents / Resources

	<p>VENSTAR 1DX Communication Module [pdf] User Manual DAIKIN1P2, MUH-DAIKIN1P2, MUHDAIKIN1P2, 1DX Communication Module, 1DX, Communication Module</p>
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