



# Hunter Douglas 1MW Communication Module Instruction Manual

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## Installation Manual



FCC ID of this product is as follows.

**FCC ID: UXU1MW**

IC No. of this product is as follows.

**IC: 7316A-1MW**

For OEM integration only – device cannot be sold to general public. Therefore we will ask OEM to include the following statements required by FCC and IC on the product and in the Installation manual Notice.

## 1.Supply Voltage

Parameter		Min.	Typ.	Max.	Unit
Operating Temperature <sup>*1</sup>		-30	25	+85	deg.C
Supply Voltage	VBAT	3.2	3.3	4.8	V
	VIO <sup>*2</sup> 1.8V/ <b>3.3V</b>	1.62	–	3.63	V

## 2. Antenna

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■ 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. The trace reference design section is provided under a separate non-disclosure agreement
- 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 Hunter Douglas.

## 3. Notice

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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.

Contains Transmitter Module FCC ID UXU1MW

or

Contains FCC ID UXU1MW

and

Contains IC: 7316A-1MW

- Please describe the following warning to the manual.

This device complies with pat 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.

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures and RF exposure compliance

When the product is small, as for these words mentioned above, the posting to a manual is possible

This device complies with Industry Canada's licence-exempt RSSs. 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.

\* When the product is small, as for these words mentioned above. the posting to a manual is possible.

- **When installing it in a mobile equipment. Please describe the following warning to the manual**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body.

RF Exposure requirements are and when installed in mobile equipment.

This module cannot be installed in portable equipment without further testing and a change to FCC's grant of authorization.

Contact Murata regarding portable applications.

- **When installing it in a portable equipment.**

It is necessary to take a SAR test with your set mounting this module.

Class II permissive change application is necessary using the SAR report.

Note)

Portable equipment: Equipment for which the spaces between human body and antenna are used within 20cm.

Mobile equipment: Equipment used at position in which the spaces between human body and antenna exceeded 20cm.

**This device is intended only for OEM integrators under the following conditions: (For module device use)**

- 1) The antenna must be installed such that 20 cm is maintained between the antenna and users, and
- 2) The transmitter module may not be co-located with any other transmitter or antenna.
- 3) The use of an antenna with gain less than 1.4 dBi.

**IMPORTANT NOTE:** In the event that these conditions can not be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered valid and the FCC ID can not be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

**End Product Labeling**

This transmitter module is authorized only for use in device where the antenna may be installed such that 20 cm may be maintained between the antenna and users. The final end product must be labeled in a visible area with the following: “Contains FCC ID: UXU1MW” The grantee’s FCC ID can be used only when all FCC compliance requirements are met.

**Manual Information To the End User**

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user’s manual of the end product which integrates this module.  
The end user manual shall include all required regulatory information/warning as show in this manual.

**IMPORTANT NOTE:**

In the event that these conditions can not be met (for example certain laptop configurations or co-location with another transmitter), then the Canada authorization is no longer considered valid and the IC ID can not be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate Canada authorization.

**End Product Labeling**


This transmitter module is authorized only for use in device where the antenna may be installed such that 20 cm may be maintained between the antenna and users. The final end product must be labeled in a visible area with the following: “Contains IC: 7316A-1MW”.

**Manual Information To the End User**

The OEM integrator has to be aware not to provide information to the end user regarding how to install a remove this RF module in the user’s manual of the end product which integrates this module.  
The end user manual shall include all required regulatory information/warning as show in this manual.

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**Documents / Resources**

	<p><a href="#">Hunter Douglas 1MW Communication Module</a> [pdf] Instruction Manual 1MW, UXU1MW, 1MW Communication Module, Communication Module</p>
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