



U.S. HEADQUARTERS
1455 Kleppe Lane :: Sparks, NV 89431

0210000745 Owner's manual and Integration Instructions

Notice:

Module is to be used in HAWS products only.

Any HAWS product that includes the 0210000475 module should have the following on the label:

"Contains: FCC ID: 2AUAN-12XXSM"

"Contains: IC ID: 25359-12XXSM"

Any HAWS product that contains the 0210000745 module should have the following warnings included in the user manual:

"Maintain 20cm separation from antenna at all times."

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 when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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.



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Installation Guide

1. This module is certified for use by the FCC for use under Part 15.225 only.
2. Module is to be used within HAWS products only. The module is limited to use the on-board antenna only. No external antennas are to be used.
3. Haws is responsible for testing the module within any host to ensure compliance with all FCC Part 15 Subpart B rules, as well as any other applicable rules.
4. Module requires an input of 12VDC and 600mA of current. The module is using the ST Microelectronics CR95HF controller and is controlled via a pair of USART TX/RX lines. The module will be communicating with RFID tags using the ISO 15693 standard.
5. The on-board antenna design is shown in the attached schematic and board design files.
6. Module should be installed in such a way that user doesn't access space within 20cm of the module under normal operation. This module is intended to be a low power device, not intended to be wearable.
7. A small ferrite, made of type 31 material is to be installed at the module end of cabling.