



## CM9-C1 Installation

### MODULAR USAGE

This device is intended only for installation into the Miltope Cabin Access Point (CAP) under the following conditions:

- 1) The antenna must be installed such that 20 cm is maintained between the antenna and users.
- 2) The transmitter module may not be co-located with any other transmitter or antenna
- 3) The final product containing this device must be labeled in a visible manner with the following; " Contains FCC ID RTP550-10016-7"
- 4) The end product user manual must contain the following information in a prominent location; "Important Note: To comply with FCC RF exposure requirements, the antenna used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operated in conjunction with any other antenna or transmitter.
- 5) This radio module is approved for use only in the Miltope CAP (Cabin Access Point) which is deployed only in aircraft and is professionally installed per FAA regulations.



## **Federal Communication Commission Interference 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 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. FCC

Caution: To assure continued compliance, (example - use only shielded interface cables when connecting to computer or peripheral devices) any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.



## CM9-C1 IMPORTANT OPERATION INFORMATION

This device has been designed to operate with the antennas listed below, and having a maximum gain of 4.85 dBi@ 2.4 GHz, 5.0 dBi @ 5.25GHz and 4.0 dBi @ 5.875GHz. Antennas not included in this list or having a gain greater than those listed are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

Operation in the band 5.15-5.25GHz is restricted to indoor use only.

### Approved antennas

The table below lists the antennas approved for use with the model CM9-C1:

Manufacturer	Part #	2.4 GHz Gain	5.3 GHz Gain	5.7 GHz Gain	Location
Miltope	901167-2	2.6 dBi	1.2 dBi	1.2 dBi	Indoor
Miltope	901563-2	4.85 dBi	5.0 dBi	4.0 dBi	Outdoor
Miltope	901167-1	3.5 dBi	3.5 dBi	3.5 dBi	Indoor
Miltope	901058-1	5.0 dBi	N/A	N/A	Outdoor
Gore	GSC10-82701-XX	-30 dBi	-30 dBi	-30 dBi	Indoor