



OEM900MR User Manual and Installation Procedure

Document Revision 1.0
November 16, 2007

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The OEM900MR transceiver module is not sold separately as a stand alone device. It is intended to be used as part of a complete OMNEX telemetry device and in the user manual for any device containing the module will be included the text from the following page.

This manual is for the use of professionals to guide them in the installation, operation and basic system maintenance of the equipment covered.

Caution:

OEM900MR complies with part 15 of the FCC Rules and IC Notice.

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

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.

Caution - Changes or modifications not expressly approved by the OMNEX Control Systems ULC will void the user's authority to operate the equipment.

The following antenna types may be used:

Model:	Description:
RAD-ISM-900-ANT-OMNI-0-6	¼ wave Whip Antenna w/ Cable
YA6900W	YAGI 4 ELEMENT 8dBi 890-960 MHz with minimum 20ft cable (providing 6dB cable loss)

RF Exposure Information

READ THIS INFORMATION BEFORE INSTALLING THE OEM900MR

This product is intended for fixed installation applications. In order to comply with FCC/ISC adopted RF exposure requirements, installation of this transmitter system's antennas must be performed in a manner that will provide at least 8 inches (20 cm) clearance from the antenna to any user or member of the public.

OEM900MR was certified with the following antennas: RAD-ISM-900-ANT-OMNI-0-6 (¼ Wave Whip Antenna with 1.8 m (6 ft.) Cable) and YA6900W (4 Element, 8dBi, Yagi with 20 ft. (6m) Cable).

The maximum radiated output power of these antennas satisfies the maximum permissible exposure (MPE) limits as specified in §1.1310 of FCC regulations for general population/uncontrolled exposure as long as the minimum separation distance of 20cm between the radiating element and the person is maintained