**FCC Statutory Requirements**

Unlicensed operation limits the radio power. High gain aerials may only be used to compensate for cable losses.

**Antenna Installation**

*Wavelengths*
- 2.4 GHz = 13 cm
- 5 GHz = 6 cm

*Stress Relief Loop*
- M4 x 5mm
- Connections must be SELV (Safety Extra Low Voltage <50V AC & <120V DC)
- Ethernet Port wiring is that of a hub or switch.
- ' Supply terminal and 'M4 GND screw on rear of module' must be connected to EARTH / GROUND as close as practical to the unit.
- Module Power Supply -Ve terminal is not isolated from Earth/GND
- DIO channel can be wired as either input or output.
- Care must be taken with antenna selection and proximity to the radio.
- The non-metallic cover of the Wireless Ethernet Modem is considered to constitute an electrostatic discharge hazard. Clean only with a damp cloth.
- The Wireless Ethernet Modem enclosure contains aluminum and is considered to constitute a potential risk of ignition by impact or friction and must be taken into account during installation.
- If the Wireless Ethernet Modem is installed as Category 3 equipment, then it shall be installed in an Enclosure which maintains an ingress protection rating of IP54 and meets the enclosure requirements of EN 50014 or EN60079-0.
- If installed in a hazardous environment coaxial cable shall be installed in a metallic conduit as per NEC requirements

**NOTES**

- **WARNING - EXPLOSION HAZARD** - DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS KNOWN TO BE FREE OF IGNITABLE CONCENTRATIONS.

- **WARNING - EXPLOSION HAZARD** - SUBSTITUTION OF ANY COMPONENT MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2.