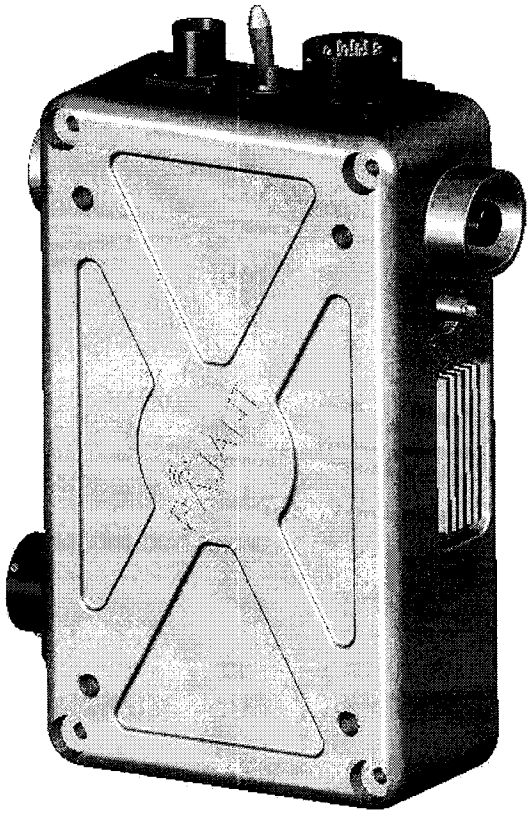
Version 1.00 February 22, 2008

BreadCrumb® ME2
User Guide



RAJANT

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CAUTION: Changes or modifications not expressly approved by Rajant Corporation could void the user's authority to operate the device.

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 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 or more 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.**

Modifications not expressly approved by the manufacturer could void the user's authority to operated the equipment under FCC rules.

Table of Contents

Contents **Page**

List of Figures

Figure **Page**

1.0 INTRODUCTION

Rajant Corporation's (www.rajant.com) ME2 operates on IEEE 802.11b/g wireless networking standard to form a wireless mesh network. The network is mobile, self-integrating, self-meshing, self-healing, full-duplex and secure. An internal Li-Ion rechargeable standby battery can power the unit when external power is unavailable. The focus is on flexibility, adaptability, and simplicity.

The BreadCrumb Wireless Network (BCWN) is intended for rapid deployment of a broadband wireless network into a situation or 'hot zone'. The network can be deployed as a stand-alone wireless network, or bridged to another network (such as the Internet) utilizing available reach-back communication links (such as a DSL, cable, or satellite modem).

The ME2 provides high bandwidth applications to stream video, audio as well as data over large distances. The network traffic can be secured by using different security features offered by the BCWN. This makes the network optimal for tactical deployments as well as emergency response situations since it offers robustness, stability and ease of setup in mission critical activities.