

Description of Product: ME

The BreadCrumb ME is a 2.4Ghz Direct Sequence Spread Spectrum single or dual Radio Transceiver that provides wired and wireless data communications. It is designed for Professional and OEM applications as a standalone or integrated unit into a larger system.

The unit provides communication using data packets transmitted at a rate of 1Mbit, 2Mbit, 5.5Mbit, or 11Mbit per second. The data packetization operations are under the control of a MAC processor and by the software driver on the embedded computer module assembly.

The device can simultaneously route data between one radio interface, two radio interfaces, and an Ethernet port on the device.

The antenna system tested included a 5.5dBi external antenna attached to each radio transceiver. The 5.5dBi antenna is a PAWIN24-5RD antenna manufactured by Pacific Wireless. The Frequency of operation is 2400 – 2485.