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BRING YOUR NETWORK WITH YOU!

Rajant Corporation's BreadCrumb Wireless Networks are portable, mobile, battery-powered, automatically-meshing, self-healing, full-duplex, secure, 802.11b access points. Their focus is on flexibility, adaptability, and simplicity.

The BCWN (BreadCrumb Wireless Network) is intended for rapid deployment of a broadband wireless network into a situation or "hot zone."

The BreadCrumb Wireless Network components utilize the 802.11b wireless networking standard to form a wireless mesh network. The network can be deployed as a standalone wireless network or may be connected to other networks (such as the Internet or a LAN in a Tactical Operations Center) utilizing available reachback communication links (satellite modem, DSL, cable modem, etc.).

BreadCrumb® ME



The BreadCrumb ME is the smallest and lightest BreadCrumb device offered, making it ideal for deployments with strict size and/or weight constraints. The BreadCrumb ME only contains one radio by default (a second radio is available as an option). This unit is used in UAV, UGV and portable sensor packages. It offers heat mitigation, EMI suppression and is highly rugged for shock and vibration.

Technical Specification

Dimensions	6" x 3.75" x 7.5"
Weight	1.5 lbs
Input Power	6 - 15 VDC
Operating Temperature	-20° - 60° C
Standard Battery	None - External Connector
Number of Radios	1 or 2
Ethernet	Yes
RF Output Power	23 dBm/Channel ± 2 dBm
Receive Sensitivity	11 Mbps: -89 dBm 5.5 Mbps: -91 dBm 2 Mbps: -93 dBm 1 Mbps: -94 dBm @PER<8%
Security	256-bit AES FIPS 140-2 using embedded AirFortress Client; Access Control Lists; WEP; Third-party VPNs
Integrated Antenna	None
External Antenna Connectors	SMA (f)
Managed Networking Features	Bridging, Gateway, DHCP, NAT, Port Forwarding