



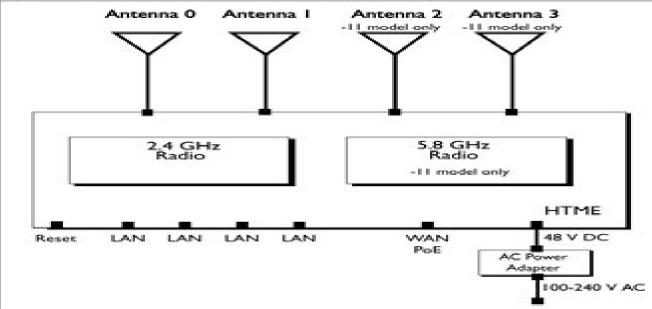
BelAir20E User Guide

System Overview

Hardware Description

Figure 1 on page 5 shows the relationship between the main BelAir20E hardware modules.

Figure 1: BelAir20E Hardware Module Block Diagram



The BelAir20E consists of the following modules:

- one High Throughput Module Evolved (HTME) providing:
 - -a wireline 10/100/1000 Base-TX WAN Ethernet interface to the Internet
 - -four wireline 10/100/1000 Base-TX LAN Ethernet interfaces
 - —a 2.4 GHz Wi-Fi radio and a 5.8 GHz Wi-Fi radio (-11 model only) using fully compliant 802.1 In links. Each radio can act as an Access Point (AP) or provide backhaul links. An AP provides user traffic wireless access to the BelAir20E. Backhaul links connect to other BelAir radios to create a radio mesh.
- four integrated dual-band antennas (-I I model only)
- an external connector field

Belair20e User Manual

Michael Hoelscher



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