

Ultima 3

within reach, beyond imagination

www.eionwireless.com



Built on eight years of field-proven patented MC-DSSS (Multi-Code Direct Sequence Spread Spectrum) wireless technology, the Ultima3 is the only complete solution you need for deploying a high-speed wireless network.

With its superior range, the Ultima 3 product family enables suburban and rural applications that other wireless solutions can only dream about. In addition, optimizations for VoIP and hotspot backhaul applications extend the range of solutions that can be implemented using the Ultima3. The Ultima 3 is a cost-effective solution with comprehensive network features that allows you to meet your business objectives.

ULTIMA 3 MULTI-POINT FAMILY

The Ultima 3 Multipoint Product (MP) family includes three product types, Access Point (AP), CPE (Customer Premises Equipment) and LCPE (Long-range Customer Premises Equipment). From a single AP, the MP family provides broadband coverage of up to 38 km (24 miles) to a maximum of 1000 CPEs or LCPEs. Along with a maximum aggregated throughput of 72 Mbps, the rich network features, such as QoS, MBR/CIR and VLAN compliance, make the MP family ideal for WISP (Wireless Internet Service Provider) and enterprise applications.

ULTIMA 3 POINT-TO-POINT FAMILY

The Ultima 3 Point-to-Point (PP) family also includes three product types, Rapid Deployment (RD), Extended Range (ER) and Short Range (SR). Delivering a throughput of 12 Mbps and a distance of up to 75 km, the PP family offers a very competitive alternative for backhaul applications.

PROVEN

The Ultima 3 product line is built on eight years of Fixed Wireless Access (FWA) experience and the feedback obtained from thousands of networks deployed worldwide. The Ultima3 products have been used by many major telcos around the world because of its unmatched maturity and superior performance.

SCALABLE

A broad range of antennas allows users to grow their network in a flexible manner. Start with a single omni-antenna at the base station, divide into a sectored cell and ultimately expand to multiple cells to satisfy all the network growth requirements.

ROBUST

Like its ancestors, the Ultima 3 is recognized as a "mission critical" product by the industry. The superb quality of the Ultima 3, along with EION's first class support is the guarantee of our customers' investment.

- Exceptional coverage area (38 km in Point-to-Multipoint or 75 km in Point-to-Point)
- Patented MC-DSSS (Multi-Code Direct Sequence Spread Spectrum) improves the spectral efficiency
- Up to six-sector design delivers a true broadband solution of 72 Mbps.
- High quality and excellent support guarantee the end users peace of mind on their investment.
- VoIP optimization offers tomorrow's networks for today's applications.
- Operating in the 5.8 GHz ISM band requires no licensing fee.
- Multi-layer security guarantees safe data transmission over the air.
- Fully integrated design in an extreme weatherproof enclosure
- Efficient bandwidth allocation makes a wireless network highly scalable.

Ultima 3 easily meets network requirements for Point-to-Point and Point-to-Multipoint Applications



