

EH-600T Rev D0 Functional Description and Block Diagram



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www.siklu.com

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1. General Product Description

The **EtherHaul-600T** radio provides wireless point-to-point Gigabit Ethernet connectivity over the 57-64GHz unlicensed V-band spectrum. Optimized for small cell backhaul, it is designed to meet mobile service providers' stringent requirements for easily installed, high-capacity, carrier-grade backhaul solutions.

The **EH-600T** is based on Siklu's revolutionary integrated-silicon technology, which results in a highly reliable, zero footprint, and low-cost radio.

The **EH-600T** offers Gigabit throughput, MEF-compliant networking and QoS, enhanced Hitless Adaptive Bandwidth, Coding & Modulation for maximum spectral efficiency, and link availability. It supports network synchronization, advanced OAM&PM tools and ring protection optimized for small cell and mobile backhaul. It features multiple GbE interfaces, supporting complex network topologies, such as daisy chain, ring, and mesh and colocation installation. All in a very small and light outdoor package that is optimized for street level installations and designed to overcome sway, twist and/or tilt. The EH-600T is fast, simple and inexpensive to deploy.

EH-600T as the best solution for small cell backhaul features:

- Field proven technology
- Reduced TCO and fast ROI
- All-outdoor invisible footprint
 - Small and light
 - Quick and easy to install
- Optimized for street level deployment
 - Works on poles, walls, traffic lights and more
 - Designed to overcome sway, twist and/or tilt
- Spectrum efficiency
 - Hitless Adaptive Bandwidth Coding and Modulation for high availability
- Advanced layer-2 features:
 - MEF-compliant QoS
 - VLAN, Provider Bridge
 - SLA assurance
- Advanced AES encryption

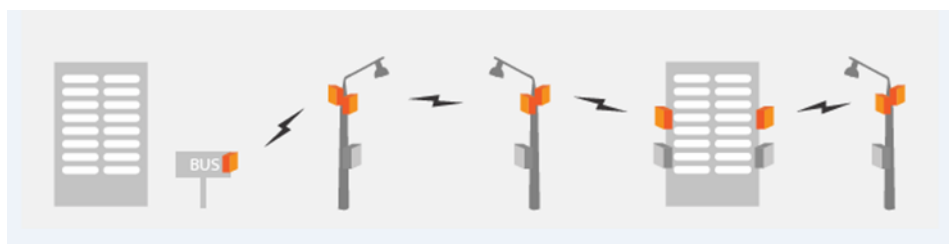


Figure 1 - Small cell deployment diagram

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