

AF-5XHD

Ubiquiti airFiber 5XHD PTP LTU

Product Overview

Ubiquiti airFiber 5XHD PTP LTU, True 1Gbps+ Spectrally Efficient Noise Resilient PTP Technology Specifically Designed for WISP's, 2 Million+ Packets per Second, 4096 QAM Modulation, Proprietary RF Filtering



Specifications

Overview Summary:

The Ubiquiti airFiber 5XHD sets a new standard in high-speed wireless connectivity for WISP backhaul. With true 1Gbps+ throughput, 2 million packets per second, and the innovative LTU technology, this outdoor unit offers unparalleled spectral efficiency and noise resilience. Designed to handle the demands of modern wireless broadband networks, its IP-67 rating ensures it works in all weather conditions. Perfect for WISPs looking to expand their service offerings with reliable, high-performance equipment. Buy now and elevate your wireless network with the airFiber 5XHD.

Performance tier:High-End

Uses:Wireless backhaul, broadband connectivity, point-to-point communication, WISP network expansion, outdoor wireless installations

Overview:

Ubiquiti airFiber 5XHD PTP LTU: The Ultimate WISP Backhaul Solution

The Ubiquiti airFiber 5XHD represents the next generation in point-to-point (PTP) wireless technology, specifically designed to meet the demanding needs of wireless internet service providers (WISPs). This high-performance solution offers a true 1Gbps+ throughput with exceptional spectrally efficient, noise-resilient technology, ensuring reliable and fast connectivity even in challenging environments.

Features:

Key Benefits and Performance

- True 1Gbps+ Throughput: Achieve lightning-fast data transmission speeds, enabling uninterrupted service and high-quality connections for your network.

- 2 Million+ Packets per Second: Handle massive amounts of traffic effortlessly, ensuring smooth performance during peak usage times.
- 4096 QAM Modulation: Leverage advanced modulation technology for optimal data delivery and reduced interference, improving overall network efficiency.
- Proprietary RF Filtering: Maximize signal quality and minimize disruptions with cutting-edge RF filtering technology.

Custom-Engineered for WISP Performance

The airFiber 5XHD is built with custom hardware tailored specifically for WISPs, starting with the very silicon at its core. Unlike generic Wi-Fi solutions, this device overcomes limitations and is engineered to deliver unmatched reliability and scalability in point-to-point communications.

LTU Technology: A Game Changer for Spectral Efficiency

When compared to older Wi-Fi standards like 802.11n and 802.11ac, as well as the original airFiber, the LTU technology integrated into the 5XHD offers superior spectral efficiency. This means more data can be transmitted over the same bandwidth, resulting in faster speeds and more stable connections, especially in noisy environments.

Built for the Elements with IP-67 Durability

Whether you're dealing with extreme heat, cold, rain, or dust, the airFiber 5XHD is built to withstand the elements. Its IP-67 rated enclosure ensures that the device remains fully operational, no matter the weather conditions, making it a reliable choice for outdoor deployments.

Why Choose the Ubiquiti airFiber 5XHD

The Ubiquiti airFiber 5XHD is the ideal choice for WISPs looking for a robust, high-performance backhaul solution. With its superior throughput, advanced modulation, and weatherproof design, this device delivers exceptional performance in even the most challenging environments. Whether you're looking to expand your network capacity or improve the reliability of your current connections, the airFiber 5XHD ensures that your backhaul system is ready for the future.

Specifications:

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Specifications	
Product Code	AF-5XHD
Item	AF-5XHD
IP-67	Yes
GPS	External, Magnetic Base
Max Throughput	1Gbps+
Max PPS	2+ Million
Spectral Efficiency	21, 2 bps/Hz
Modulation Symbols	4096 QAM
Spectral Widths Supported	10/20/30/40/50/60/80/100 MHz
UNMS App Bluetooth Support	Yes

ComX Computers

Product Specification Sheet

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/AF-5XHD-Ubiquiti-airFiber-5XHD-PTP-LTU-Buy-p-332260.php>

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