AMT
advanced media technologies®

LINDSAY BROADBAND

WIRELESS SOLUTIONS

TOUGH TECHNOLOGY.

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9000HAP Hardened Access Point

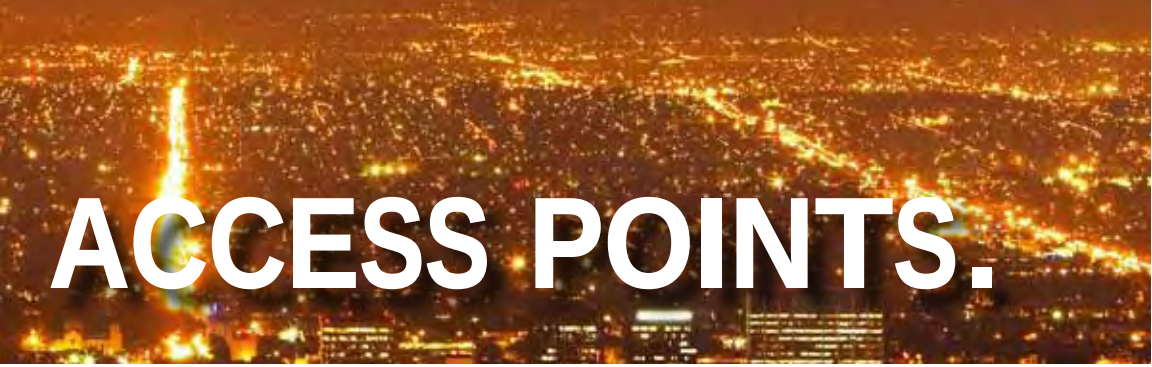
The 9000HAP is a versatile 802.11 a/b/g/n device utilizing wireless backhaul and Power Over Ethernet (POE). Using dual radio technology the 9000HAP is the perfect companion to the Lindsay SMHAP Series. Receiving backhaul frequencies through several antenna options the 9000HAP gives the MSO the freedom to extend coverage to the last mile client. With wall, pedestal, and strand mounting options the 9000HAP can be deployed to suit any MSO infrastructure.

Our Wireless products are designed by Cable Engineers for Cable Operators maintaining Lindsay Broadband high standards for surge protection, durability and reliability.

Hotspot, Point to Point, Point to Multipoint and Mesh applications can be implemented on these extremely flexible devices. Utilizing Mikrotik RouterOS DUDE software, the MSO can easily monitor the wireless network.

ACCESSORIES.

Cables and Adaptors, Mounting Hardware



ACCESS POINTS.

SMHAP (Strand Mounted Hardened Access Point)

The SMHAP is a standards compliant 802.11a/b/g/n DOCSIS 2.0/DOCSIS3.0 Access Point utilizing the Multi-System Operators (MSO) existing HFC plant. A quick and easy connection to any power passive tap or coupler opens new and profitable revenue streams. With wall, pedestal, and strand mounting options the SMHAP can be deployed to suit any MSO infrastructure.

OSMHAP (Optical Strand Mounted Hardened Access Point)

The OSMHAP with integrated media converter alleviates the demand on a constrained DOCSIS network. As demand for broadband increases the OSMHAP allows the Multi-System Operators (MSO) throughput in excess of 100Mbps (full duplex). The OSMHAP installs to wall, pedestal, or strand quickly where fibre access and HFC power are available.

GATEWAYS.

LBDG (Lindsay Broadband DOCSIS Gateway)

The LBDG provides backhaul and a POE power supply in a compact, HFC powered, strand mount device. In situations where the system operator would like to mount a new IP device to his HFC strand, the LBDG provides an ideal solution without costly NRE fees. Security cameras, 802.11 APs, Picocell base stations, and IP public address systems are just some of the devices that can now be mounted on the strand without funding a new product development effort.

The LBDG was carefully designed to maintain the quality, reliability, and feature set that the MSO needs while keeping cost at an absolute minimum.
An experienced line technician can install the LBDG and set up the cable modem without additional training.

Since the LBDG uses a standard cable modem and is wholly under the control of the system operator, it can be used in conjunction with his SNMP monitoring system to evaluate the line conditions of your plant. Parameters such as Signal Strength, Signal to Noise Ratio and Packet Loss are all reported by the DOCSIS Gateway.

LBOG (Lindsay Broadband Optical Gateway)

The LBOG utilizes the MSO's existing fibre assets providing an outdoor mounted, managed Ethernet gateway, with multiple backhaul options. (1000Base-SX/LX or WDM, PON etc).

Cable Operators can now deploy managed Gigabit Ethernet services right off the strand with Lindsay's HFC powered Optical Gateway. The LBOG is available with pluggable SFP transceivers; single or paired fibre links up to 120km. Ideally suited for the customer with limited or no closet space the LBOG Series eliminates the need for expensive outdoor cabinets. This simple device allows for the optical backhaul of next generation outdoor networking such as IP security cameras, WiFi, RF, Microwave and Pico cell radio systems with a deployment velocity of less than 1 hour. The management function enables network administrators to monitor connection status and configure via SNMP agent, Telnet or Web browser remotely.

FLEXIBLE OPTIONS.

Adaptable to your existing infrastructure.
Many power, back haul, radio and mounting options.

GENERATE NEW REVENUES FROM THE STRAND

The Lindsay Broadband DOCSIS (LBDG) and Optical (LBOG) Gateways communicate to and power any AP, IP camera, etc. on the HFC strand.

Utilizing existing infrastructure, new business customers can be activated via either DOCSIS or Optical backhaul quickly and seamlessly. Lindsay Broadband's DOCSIS/Optical Gateways communicate and power up to 4 feeds with the flexibility to utilize your existing infrastructure. Now you can satisfy business clients, municipalities, government and law enforcement with high velocity deployments with outstanding ROI.

- Business or Residential
- Point to Point Links
- Traffic Camera Monitoring
- Discreet Security Cameras
- Strand Mounted EMTA
- LTE Pico Cell backhaul
- WiFi Backhaul

Tough Wireless, Optical and RF Solutions.

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