




Alvarion WALKair

WALKair	Product Name	Product Type	Key Features & Uses	Pricing
	Alvarion WALKair 1000 & 3000	Point to Multipoint Broadband Access System	ALVARION WALKair is a Point-to-Multipoint (PMP) broadband wireless access system that enables telecom operators to connect SME business subscribers in last-mile urban and suburban areas to their network.	Click here to request a quote for the complete system
	<p>Product Description</p> <p>Alvarion WALKair utilizes dynamic bandwidth allocation to maximize bandwidth capacity and facilitates the widest range of differentiated high-speed data and voice services at the lowest cost to customers. Multi-frequency band support, large-capacity base stations and multi-service support make Alvarion WALKair the wireless access solution of choice for new competitive carriers and incumbents seeking diversification.</p> <p>Alvarion WALKair 1000 Highlights:</p> <ul style="list-style-type: none"> Carrier class system with high level of reliability of equipment and service Multi service offering IP, frame relay, E1 and fractional E1, V.35, POTS, ISDN WALKair supports all commonly allocated bands in Europe, Latin America and Asia: 3.5 GHz, 10.5 GHz and 26 GHz. Enables carriers to provide SMEs with always-on broadband Internet / Intranet / VPN / LAN Interconnect Access as well as VoIP, Legacy Telephony, Data Network Access, Video Conferencing, ASP services, web hosting and E-commerce. Each base station provides a coverage area of 10 Km in a 360 radius at the 3.5 GHz and 10 GHz frequencies. Bandwidth allocation can be subdivided according to need, enabling high-performance support of up to hundreds of terminal stations (located at customer sites) from a single base station. 			

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- IP Quality-of-Service and fiber-optic quality voice and data enable carriers to offer highly differentiated and flexible provisioning of IP services.
- Supporting 1000s of POTS lines per base stations, with V5.2 connectivity to the operators telephony switch. 4-64 POTS lines per terminal
- Low initial infrastructure investment a multi-carrier approach from the base station reduces the number of terminal station outdoor units and minimizes the new carrier's initial investment.

Alvarion WALKair 3000 Highlights:

- Enables rapid market penetration, subscription growth and enhanced value-added services with demand-based build-out, easy installation.
- WALKair 3000 is optimal for next-generation cellular backhauling applications. It operates in the 3.5, 10.5, 26 and 28GHz bands, and can be collocated with the WALKair 1000 system.
- Scalable offering – pay as you grow solution through the multi carrier capabilities. Enabling the customer to grow from 69Mbps (aggregated traffic per sector) to 276Mbps aggregated.
- Lower total cost of ownership with single platform that combines all communication and information technologies, including IP, Ethernet, Leased Line and TDM Voice.
- Symmetrical and asymmetrical data rates up to 34.5Mbps per customer (upstream and downstream) over 3.5 MHz, 7 MHz and 14 MHz channels.
- Delivers fiber-equivalent services at upstream and downstream rates of up to 138 Mbps per sector (when using multi carrier).
- Optimize highest spectral efficiency – 2.5 Bit/Sec/Hz.
- Enhances quality of service mechanisms supporting VLAN priority bit (802.1p) classifications and large frame support.
- Accurately measures radio air link performance with Bit Error Rate (BER) Meter.

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