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WiBACK

WiBACK Node-2-Connect II
Datasheet

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WiBACK

WiBACK Key Features

- Carrier-Grade Services (Low Latency & Prioritized Voice) via MPLS
- Transparent Ethernet Bridging incl. VLAN (IEEE802.1q) Trunking
- Self-Management/-Healing/-Maintenance
- Low Energy Footprint, Solar-Ready
- Network Monitoring
- End-to-End Encryption
- Multi Node Support (Clustering of multiple nodes via Ethernet)

WiBACK Node-2-Connect Facts

Interfaces	
2 x RJ45	10/100/1000Tx Ethernet
2 x Wireless LAN	High power backhaul interfaces

System	
Architecture	Embedded Linux, x86
	Low Power AMD APU 1GHz/1GB

WLAN backhaul radios	
Type	Atheros chipset, IEEE802.11a/n, 2x2 MIMO, 20/40 MHz
Frequency range	5.180 - 5.800 GHz unlicensed
	400-900 MHz, 2.4 GHz, or 3.x GHz licensed (optional)
Output power/ sensitivity	Up to 30 dBm / -96 dBi

Physical	
Dimensions / weight	300 mm x 236 mm x 72 mm; 2.1 kg
Enclosure	NEMA-4, IP65, Aluminum, weather and UV Protected,
	4x antenna N-Type female, outdoor,
	mast mounting kit included 50-70mm
LED	Power and status signaling

Power	
Supply	PoE 802.at,
	Solar-Power ready
Consumption	Maximum 16 W, average 10 W
Optional	Solar charger