

# Stackable AW-96

## The Stackable AW-96

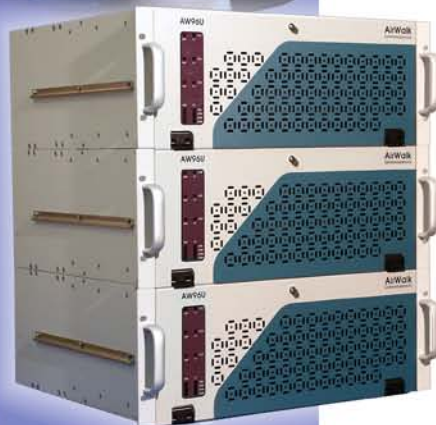
Macro IP-RAN

The Stackable AW-96 (IP-RAN) is a standards compliant, high channel capacity, cost effective, modular and expandable wireless radio access network system. Designed specifically for CDMA2000 networks, the AW-96 Base Station Transceiver (BTS) and Base Station Controller (BSC) are integrated into a single compact platform. The Stackable AW-96 supports voice and high-speed packet data.

The Stackable AW-96 is a superior alternative to legacy products for macro network applications such as greenfield network expansions, suburban and rural areas and wireless local loops.

### Technical and Functional System Specifications

<b>Radio</b>	Air Interface:	CDMA2000 (1xRTT), IS-95A/B
	Frequency Band:	450MHz, 800MHz, 1800MHz, 1900MHz, 2100MHz
	Channel Elements:	288CEs per System
	Configurations:	3 Carrier/3 Sectors
	Transmit Power:	20 W per Carrier
<b>BSC</b>	Hand Off:	Softer/Soft/Hard
	Integrated BSC:	Performs BSC functions excluding Voice-Coding
<b>Interfaces</b>	External Interface:	IP- 10/100 Base-T Ethernet
	Optional External Interfaces:	T1/E1, ATM
<b>Protocol Support</b>	CDMA Open Standard:	IS-634A/B, IOS2.0 - IOS4.2, IS-2001A, B
	Media Control:	MGCP, MEGACO
	Signaling:	IOS/IP
	Management:	SNMP
<b>Power Supply</b>	AC:	100 V ~ 240 V
	DC:	-48 VDC or +27 VDC
<b>Environmental</b>	Temperature:	Operating -20°C to +50°C (-4°F to 122°F)
	Humidity:	5 to 95% Non-Condensing
<b>Hardware</b>	Dimensions (H x W x D):	21" x 17.2" x 16" (53.34 x 43.69 x 40.64 cm)
	Weight:	111 lbs (50.4 Kg)
	Type:	In-door/Out-door
	Cooling:	Forced Convection
	Installation:	Standard 19 inch Telecom Rack
	Regulatory:	FCC and UL Certified



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