

AW-32

The Compact AW-32

Pico IP-RAN

The AW-32 (IP-RAN) is a standards compliant, high performance, cost effective, and modular wireless radio access network system. Designed specifically for CDMA2000-1xRTT networks, the AW-32 Base Station Transceiver (BTS) and Base Station Controller (BSC) are integrated into a single compact platform. The AW-32 supports voice and high-speed packet data.

The AW-32 is perfect for pico cell applications for in-building networks, industrial plants, university campuses, private/enterprise systems, public transit areas, rural fixed wireless networks and lab systems.

Technical and Functional System Specifications

Radio	Air Interface: Frequency Band: Channel Elements: Configurations: Transmit Power:	CDMA2000 (1xRTT), IS-95A/B 450MHz, 800Mhz, 1800Mhz, 1900MHz, 2100MHz 32CEs/ 64CEs per Enclosure 1 Carrier/Omni 50 mW to 1 W (higher RF with ext. Power Amplifier)
BSC	Hand Off: Integrated BSC:	Soft/Hard Performs BSC functions excluding Voice-Coding
Interfaces	External Interface: Optional External Interfaces:	IP- 10/100 Base-T Ethernet T1/E1, ATM
Protocol Support	CDMA Open Standard: Media Control: Signaling: Management:	IS-634A/B, IOS2.0 - IOS4.2, IS-2001A, B MGCP, MEGACO IOS/IP SNMP
Power Supply	AC: DC:	100 V ~ 240 V -48 VDC or +27 VDC
Environmental	Temperature: Humidity:	Operating 0°C to +50°C (32°F to 122°F) 5 to 95% Non-Condensing
Hardware	Dimensions (HxWxD): Weight: Type: Cooling: Installation: Regulatory:	17.2 x 12.3" x 4" (43.69 x 31.24 x 10.16 cm) 20 lbs (9 Kg) In-door Natural Convection Pole, Wall, Tower FCC and UL Certified



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