



Z1900 boosts cell phone coverage for homes and small offices, enabling clear calls and faster 3G data

### Product Features

- Fully integrated 1900 MHz repeater system
- Powerful amplifier enables up to + 63 dB of signal gain
- Intelligent signal processing and real time adaptive operation
- Automatically adjusts power levels as needed to ensure a consistent coverage footprint
- Patented technology ensures our products will not interfere with other wireless frequencies or radio devices



Improves coverage for cell phones, PDAs and other mobile devices where you need them most - indoors!

The Z1900 is a high-performance indoor wireless coverage system designed to boost signal strength and ensure reliable coverage for cell phones, PDAs and 3G laptop air cards.

Geared for homes and small offices up to 2,500 sq ft, the Z1900 is Spotwave's most cost-effective solution for the wireless subscriber at home, providing support for all wireless voice and data services being delivered in the PCS (1900 MHz) band.

### Benefits

- Improves voice call quality and reception ensuring you can make or take important calls when you need to
- Enhanced 3G data performance enables quick file downloads
- No more dropped calls due to poor indoor cell coverage
- Lowers cell phone power emissions and extends phone battery life
- Supports any carrier delivering voice and data services in the PCS band in your area
- Quick to install and operate with no recurring costs
- Network protecting solution
- Everything you need is included



Coverage areas indicated are based on typical building characteristics and are not guaranteed. Coverage area will be determined by multiple factors including strength of signal received from the network, construction materials, and location of Spotwave equipment

### System Specifications and Performance

PCS	
Frequency Band	UL: 1850 - 1910 MHz DL: 1930 - 1990 MHz
Formats Supported	CDMA / GSM / EDGE / GPRS / UMTS / 1xEVDO / HSDPA
Maximum Coverage Area	2,500 sq ft (230 m <sup>2</sup> ) per system (open space)
Gain (fully adaptive, without cable)	UL: 0 to +69 dB maximum DL: 0 to +69 dB maximum
System Gain (fully adaptive, includes cable)	UL: 0 to +63 dB maximum DL: 0 to +63 dB maximum

### Physical

	Network Access Unit	Coverage Unit
Operating Temperature	-40° to 131°F (-40° to 55°C)	32° to 104°F (0° to 40°C)
Size (wxhxd)	7 x 7 x 2.5 in (17.8 x 17.8 x 6.35 cm)	3 x 6.5 x 1.5 in (7.6 x 16.5 x 3.8 cm)
Weight	2 lbs (0.91 kg)	0.5 lb (0.23 kg)
RF Connectors	Type F: Coverage Port (weatherproof)	Type F: Network Access Port
RF Cable	35 ft Included (10.67 m)	
Power Supply	Universal power adapter (90 - 260 VAC, 47 - 63 Hz)	

### Installation

Set Up	Setup and operation fully automatic. No tuning or prior knowledge of carrier base station location required. Built-in isolation algorithm (LED indicator on Network Access Unit)
Indicators	LEDs on Coverage Unit and Network Access Unit

### Our System Includes

- Network Access Unit
- Coverage Unit
- Flexible Micro Cable
- Desktop Stand
- Mounting Hardware
- Power Supply
- On-Board Diagnostics
- Quick Start Guide

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