

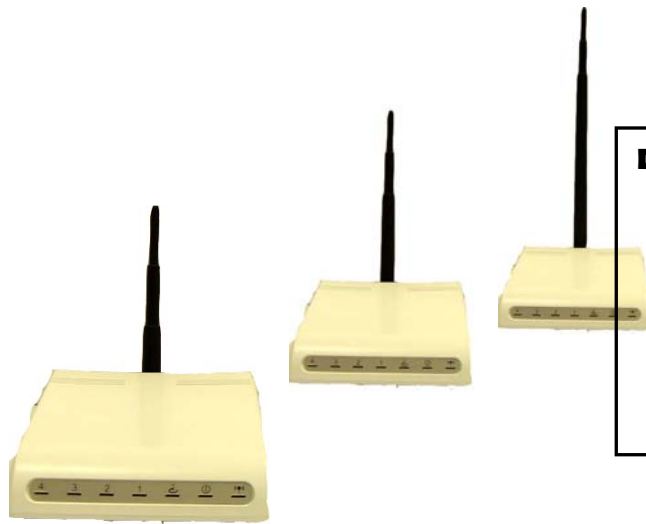
JALO Indoor Model 900series Broadband Wireless Solution

<p>The 900series is the essence of connection to Wireless Indoor Network. Compact and Light Equipment with 200mW Output Power , Fast data speeds , Easy to install and Reliable Access. 900series offers detachable omnidirectional antenna. Interconnectable to the existing 10/100Mbps Local Area Network (LAN). For networking it is the ideal mechanism to deliver broadband access to corporates, telcos, ISPs, residential users, SOHOs and SMEs customers. It supports two operational modes, the AP mode and the CPE mode, respectively. Built-in remote management with 6 Operation Modes: Access Point, WDS ,Bridge, Client Bridge, Point-To-Point, Point-To-Multi-Point which have super capability and provide lower total operation cost.</p>	<ul style="list-style-type: none"> ■ 6 Operation Modes: Access Point, WDS ,Bridge, Client Bridge, Point-To-Point, Point-To-Multi-Point ■ 200mW Output Power ■ Dual Function Support AP/Bridge ■ Remote Management ■ Maximum Wireless Security with 802.1x, WPA, and AES ■ Maximum Internet Security with IPSEC (DES,3DES, AES-128) ■ Detachable Antenna ■ Power over Ethernet (PoE) ■ Wifi Compliant ■ Integratable in MESH system ■ HOTSPOT Access Point
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Specification

ELECTRONIC	
Base Platform	RL8186 (MIPS R3000 ISA-1)
Clock Speed	200 MHz
Reset Switch Built-in	Push-button momentary contact switch
Standards Conformance	IEEE 802.3 / IEEE 802.3u
SDRAM	On board : 8Mbytes
Flash	On board : 2Mbytes
Built-In LED Indicators	Power Status always On / Blinking: while upgrading firmware Ethernet On: Blinking: Active Wireless Blinking : Active
WIRELESS	
Network Standards Conformance	IEEE802.11 b /g compliant
Data Transfer Rate	IEEE802.11b : 1 / 2 / 5.5 / 11Mbps (auto sensing) IEEE802.11g : 6 / 9 / 12 / 18 / 24 / 36 / 48 / 54/108Mbps (auto sensing)
Frequency Range	IEEE802.11b/g: 2.412 ~ 2.462GHz (USA) 2.412 ~ 2.484GHz (Japan) 2.412 ~ 2.472 GHz (Europe ETSI) 2.457 ~ 2.462 GHz (Spain) 2.457 ~ 2.472 GHz (France)
Media Access Protocol	CSMA / CA with ACK
Modulation Method	IEEE802.11b : DSSS (DBPK,DQPSK,CCK) IEEE802.11g : OFDM(64-QAM,16-QAM,QPSK,BPSK)

Operating Channels	802.11a : 12 for FCC, 11 for Europe, 4 for Japan,5 for Singapore, 4 for Taiwan 802.11b/g : 11 for FCC,14 for Japan,13 for Europe, 2 for Spain, 4 for France
RF Output Power	EIRP 200mW(IEEE802.11b/1Mbps with 2dBi Antenna)
Transmit Power Variation	802.11g : Up to 20 dBm (with 2dBi Antenna) 802.11b : up to 23 dBm (with 2dBi Antenna)
Frequency Response flatness	±1dB over operating range
Receiver Sensitivity	802.11b/g : -91dBm@1Mbps, -90dBm@2Mbps,-89dBm@5.5Mbps,- 87dBm@11Mbps,-84dBm@6Mbps,-82dBm@9Mbps,-79dBm@12Mbps,- 77dBm@18Mbps,-75dBm@24Mbps,-73dBm@36Mbps,- 70dBm@48Mbps,-68dBm@54Mbps
ENVIRONMENT & MECHANIC	
Operating Temperature	-0 °C ~ 40 °C
Storage Temperature	-20 °C ~ 60 °C
Operating Humidity	10% to 80% Non-Condensing
Storage Humidity	5% to 90% Non-Condensing
Antenna Connector	SMA-Type Connector
Power Supply	110 – 220V AC Power ; 12 VDC, 1.5A input. Support Power Over Ethernet (48V/0.4A)
Unit Dimensions	112 x 73 x 31(mm) (Width x Depth x Height)
Unit Weight	170g
Certifications	Not Available



Distributor