

# WAPR-141

## Multi-Mode Access Point

### Extend Range with multi-mode feature AP

SparkLAN WAPR-141 WLAN 802.11g multi-mode AP offers WDS (repeater & bridge mode), AP, and AP Client mode that can boost the wireless coverage range and give flexibility to set up extended Wi-Fi connection. WAPR-141 Access Point provides high speed data rate of up to 54Mbps while providing seamless interoperability with existing 802.11b gears. It's suitable for SOHO, SMB, and home users, and any open space for example libraries, stations, subways, bookstores, hospitals, airports, stadiums, museums etc.

WAPR-141 AP provides highly security with 64/128WEP Encryption, WPA2, WPA, 802.1x, and MAC address filtering, and advanced administration control. It fully protects hacker and malicious attacks.

### Product Highlights

- IEEE 802.11b/g 2.4 GHz Compatible
- Support WDS(bridge & repeater mode), AP, and AP Client mode for extended coverage
- High speed wireless connection Up to 54Mbps

### Features & Benefits

- Easy to configure with web browser-based configuration utility
- Enhance the user network security
- Advanced Administration Setting
- Web-based management
- Up to 128-bits WEP, WPA, WPA2, 802.1x for secure connection



### SPECIFICATIONS

#### HARDWARE INTERFACE

Chipset -	Realtek
Memory -	2M Flash + 8M SDRAM
Interface -	1xRJ45 LAN port
LED -	Power, LAN, Act(WLAN)
Antenna -	External antenna

#### RADIO CHARACTERISTICS

Standard -	IEEE 802.11g/b
Frequency Bands -	ISM-Band 2.412-2.484GHz
Modulation Tech -	802.11g: OFDM 802.11b: CCK,DQPSK, DBPSK
Media Access Protocol -	CSMA/CA with ACK
Transmit Power -	802.11b 17dBm, 802.11g 13.5dBm
Receive Sensitivity -	802.11b -80 dBm@8%, 802.11g -68 dBm@10%
Data Rates -	802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11b: 11, 5.5, 2, 1Mbps
Operating Range -	802.11b: 11Mbps Up to 300m (Outdoor), 35-100m (Indoor) 802.11g: 54Mbps up to 50m (Outdoor), 30m (Indoor) * The performance depend on environment.

#### SOFTWARE FEATURES

Operating mode -	AP, AP Client, WDS(Repeater)
Security -	64/128bit WEP, WPA, WPA2 802.1x
Management -	Web-based management

#### PHYSICAL & ENVIRONMENTAL

Dimension -	118x75x25mm (LxWxH)
Temperature -	0~50 degree(Operation) -20~70 degree(storage)
Humidity -	5~90% Non-condensing

#### POWER SUPPLY

Power Adapter -	DC 7.5V
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#### CERTIFICATION

FCC,CE