PRODUCT DATA



## Features:

- High-speed Wireless-N Networking
  For your computer
- MIMO Smart Antenna Technology
- Compatible with 802.11b/g devices
- Advanced wireless encryption:
  WPA, WPA2, 64/128-bit WEP
- Supports Windows 2000, XP, Vista
  ; Linux



# 802.11n Wireless Broadband Router ZSR4154WE



The Zonet **ZSR4154WE - 802.11n Wireless Broadband Router** delivers an incredible speed to your home and home office without running wires. It complies with the IEEE 802.11n [draft 4.0] standard, making it backward compatible with 802.11b/g networks. Advanced 64/128-bit WEP encryption is supported to provide secure access for your data. Once you're connected, you can stay in touch with your email, access to the internet and send large files across the network at greater distances than ever before!





### Package content:

- One ZSR4154WE
- One Quick Install. Guide
- One CD with Manual
- One PowerAdapter

### **Related Products:**

ZEW1542	11n Wireless Cardbus
ZEW1642	11n Wireless PCI Aapter
ZEW2542	11n Wireless USB Adapter

#### **Contact Us:**

1.888.883.8880 <u>sales@zonetusa.com</u> <u>www.zonetusa.com</u>

Zonet USA Corporation 18513 East Gale Ave. City of Industry, CA 91748 Tel: 1.626.810.7887 Fax: 1.626.810.8799



# 802.11n Wireless Broadband Router ZSR4154WE

## **Specification**

roaming Support multipoint auto roaming and configuration; Support multipoint auto roaming and configuration; Support wireless network environments auto detect. LED LAN 1-4/WAN/WLAN/WPS/SYS/POWER Antenna type One detachable antenna Frequency range 2.46Hz ~ 2.4835GHZ Radio data rate 11n: 150/130/117/104/78/52/39/26/13Mbps <u>65/58.5/52/39/26/19.5/13/6.5Mbps</u> <u>11p: 54/48/36/24/18/12/9/6Mbps</u> <u>11p: 54/48/36/24/18/12/9/6Mbps</u> <u>11b: 11/5.5/2/1Mbps</u> Modulation OFDM, CCK, BPSK, OPSK Spectrum Spread Technology DSSS Transmit output power 11n 20MHz/40MHz:-65dBm <u>54Mbps:-72dBm</u> <u>11Mbps:-88dBm</u> Antenna Gain 3dBi Power 9V 1A Max. Consumption 6W Flash 4M Bytes System Memory 32M Bytes MAC Address Entry 1K Media Access Protocol WMM Data security WPA/WPA2; 64/128-bit WEP; TKIP/AES Operation Humidity 0°C ~ 40°C -20°C ~ 70°C Operation Humidity 10% ~ 90% RH no condensing 5% ~ 90% RH no condensing	Standards	IEEE 802.11n (Draft 4.0), IEEE 802.11g, IEEE 802.11b standards
roaming Support multipoint auto roaming and configuration; Support multipoint auto roaming and configuration; Support wireless network environments auto detect. LED LAN 1-4/WAN/WLAN/WPS/SYS/POWER Antenna type One detachable antenna Frequency range 2.46Hz ~ 2.4835GHZ Radio data rate 11n: 150/130/117/104/78/52/39/26/13Mbps <u>65/58.5/52/39/26/19.5/13/6.5Mbps</u> <u>11p: 54/48/36/24/18/12/9/6Mbps</u> <u>11p: 54/48/36/24/18/12/9/6Mbps</u> <u>11b: 11/5.5/2/1Mbps</u> Modulation OFDM, CCK, BPSK, OPSK Spectrum Spread Technology DSSS Transmit output power 11n 20MHz/40MHz:-65dBm <u>54Mbps:-72dBm</u> <u>11Mbps:-88dBm</u> Antenna Gain 3dBi Power 9V 1A Max. Consumption 6W Flash 4M Bytes System Memory 32M Bytes MAC Address Entry 1K Media Access Protocol WMM Data security WPA/WPA2; 64/128-bit WEP; TKIP/AES Operation Humidity 0°C ~ 40°C -20°C ~ 70°C Operation Humidity 10% ~ 90% RH no condensing 5% ~ 90% RH no condensing	Chipset	Ralink: RT3050
Support wireless network environments auto detect.        LED      LAN 1-4/WAN/WLAN/WPS/SYS/POWER        Antenna type      One detachable antenna        Frequency range      2.4GHz ~ 2.4835GHZ        Radio data rate      11n: 150/130/117/104/78/52/39/26/13Mbps        65/58.5/52/39/26/19.5/13/6.5Mbps      11g: 54/48/36/24/18/12/9/6Mbps        11g: 54/48/36/24/18/12/9/6Mbps      11g: 54/48/36/24/18/12/9/6Mbps        11g: 54/48/36/24/18/12/9/6Mbps      11b: 11/5.5/2/1Mbps        Modulation      OFDM, CCK, BPSK, OPSK        Spectrum Spread Technology      DSSS        Transmit output power      11n 20MHz/40MHz-65dBm        54Mbps:-72dBm      11Mbps:-88dBm        Antenna Gain      3dBi        Power      9V 1A        Max. Consumption      GW        Flash      4M Bytes        System Memory      32M Bytes        MAC Address Entry      1K        Media Access Protocol      WMM        Data security      0°C ~ 40°C        -20°C ~ 70°C      20°C ~ 70°C        Operation Humidity      0°C ~ 40°C        -20°C ~ 70°C      20°C ~ 70°C	Transmit distance	Indoor up to 100m ; Outdoor up to 400m (limited to environment)
LEDLAN 1-4/WAN/WLAN/WPS/SYS/POWERAntenna typeOne detachable antennaFrequency range2.4GHz ~ 2.4835GHZRadio data rate11n: 150/130/117/104/78/52/39/26/13Mbps65/58.5/52/39/26/19.5/13/6.5Mbps11g: 54/48/36/24/18/12/9/6Mbps11g: 54/48/36/24/18/12/9/6Mbps11b: 11/5.5/2/1MbpsModulationOFDM, CCK, BPSK, OPSKSpectrum Spread TechnologyDSSSTransmit output power11n 20MHz/40MHz-65dBm54Mbps:-72dBm11mbps:-88dBmAntenna Gain3dBiPower9V 1AMax. ConsumptionGWFlash4M BytesSystem Memory32M BytesMAC Address Entry1KMedia Access ProtocolWMMData securityWPA/WPA2; 64/128-bit WEP; TKIP/AESOperation Humidity0°C ~ 40°C -20°C ~ 70°COperation Humidity10% ~ 90% RH no condensing 5% ~ 90% RH no condensing	roaming	Support multipoint auto roaming and configuration;
Antenna typeOne detachable antennaFrequency range2.4GHz ~ 2.4835GHZRadio data rate11n: 150/130/117/104/78/52/39/26/13Mbps65/58.5/52/39/26/19.5/13/6.5Mbps11g: 54/48/36/24/18/12/9/6Mbps11g: 54/48/36/24/18/12/9/6Mbps11b: 11/5.5/2/1MbpsModulationOFDM, CCK, BPSK, OPSKSpectrum Spread TechnologyDSSSTransmit output power11n 20MHz/40MHz:-65dBm54Mbps:-72dBm11m 20MHz/40MHz:-65dBm54Mbps:-72dBm11m 20MHz/40MHz:-65dBm54Mbps:-88dBmAntenna Gain3dBiPower9V 1AMax. Consumption6WFlash4M BytesSystem Memory32M BytesMAC Address Entry1KMedia Access ProtocolWMMData security0°C ~ 40°C-20°C ~ 70°COperation Humidity10% ~ 90% RH no condensing5% ~ 90% RH no condensing		Support wireless network environments auto detect.
Frequency range      2.46Hz ~ 2.4835GHZ        Radio data rate      11n: 150/130/117/104/78/52/39/26/13Mbps        65/58.5/52/39/26/19.5/13/6.5Mbps        11g: 54/48/36/24/18/12/9/6Mbps        11b: 11/5.5/2/1Mbps        Modulation        OFDM, CCK, BPSK, OPSK        Spectrum Spread Technology        DSSS        Transmit output power        11n: 20MH/40MHz:-65dBm        54Mbps:-72dBm        11Mbps:-88dBm        Antenna Gain        3dBi        Power        9V 1A        Max. Consumption        6W        Flash        MAC Address Entry        1K        Media Access Protocol        WMM        Data security        OPC ~ 40°C        -20°C ~ 70°C        Operation Humidity        0% ~ 90% RH no condensing        5% ~ 90% RH no condensing	LED	LAN 1-4/WAN/WLAN/WPS/SYS/POWER
Radio data rate      11n: 150/130/117/104/78/52/39/26/13Mbps        65/58.5/52/39/26/19.5/13/6.5Mbps      11g: 54/48/36/24/18/12/9/6Mbps        11g: 54/48/36/24/18/12/9/6Mbps      11g: 54/48/36/24/18/12/9/6Mbps        11b: 11/5.5/2/1Mbps      11b: 11/5.5/2/1Mbps        Modulation      OFDM, CCK, BPSK, OPSK        Spectrum Spread Technology      DSSS        Transmit output power      11n 20MHz/40MHz:-65dBm        54Mbps:-72dBm      11mbps:-88dBm        Antenna Gain      3dBi        Power      9V 1A        Max. Consumption      6W        Flash      4M Bytes        System Memory      32M Bytes        MAC Address Entry      1K        Media Access Protocol      WMM        Data security      0°C ~ 40°C        -20°C ~ 70°C      20°C ~ 70°C        Operation Humidity      10%~90% RH no condensing        5%~90% RH no condensing      5%~90% RH no condensing	Antenna type	One detachable antenna
File Section 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	Frequency range	2.4GHz ~ 2.4835GHZ
Ing: 54/48/36/24/18/12/9/6Mbps11g: 54/48/36/24/18/12/9/6Mbps11b: 11/5.5/2/1MbpsModulationOFDM, CCK, BPSK, OPSKSpectrum Spread TechnologyDSSSTransmit output power11n 20MHz/40MHz:-65dBm54Mbps:-72dBm54Mbps:-72dBm111Mbps:-88dBm11Mbps:-88dBmAntenna Gain3dBiPower9V 1AMax. Consumption6WFlash4M BytesSystem Memory32M BytesMAC Address Entry1KMedia Access ProtocolWMMData security0°C ~ 40°C -20°C ~ 70°COperation Humidity10%~90% RH no condensing 5%~90% RH no condensing	Radio data rate	11n: 150/130/117/104/78/52/39/26/13Mbps
11b: 11/5.5/2/1 MbpsModulationOFDM, CCK, BPSK, QPSKSpectrum Spread TechnologyDSSSTransmit output power11n 20MHz/40MHz:-65dBm54Mbps:-72dBm54Mbps:-72dBm11mbps:-88dBm11Mbps:-88dBmAntenna Gain3dBiPower9V 1AMax. ConsumptionGWFlash4M BytesSystem Memory32M BytesMAC Address Entry1KMedia Access ProtocolWMMData security0°C ~ 40°C-20°C ~ 70°COperation Humidity10%~90% RH no condensing 5%~90% RH no condensing		65/58.5/52/39/26/19.5/13/6.5Mbps
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Spectrum Spread Technology    DSSS      Transmit output power    11n 20MHz/40MHz:-65dBm      54Mbps:-72dBm      11Mbps:-88dBm      Antenna Gain      3dBi      Power      9V 1A      Max. Consumption      6W      Flash      4M Bytes      System Memory      32M Bytes      MAC Address Entry      1K      Media Access Protocol      WMM      Data security      Operation Humidity      0°C ~ 40°C      -20°C ~ 70°C      Operation Humidity      10%~90% RH no condensing      5%~90% RH no condensing		11b: 11/5.5/2/1Mbps
Transmit output power11n 20MHz/40MHz:-65dBm54Mbps:-72dBm11Mbps:-88dBmAntenna Gain3dBiPower9V 1AMax. Consumption6WFlash4M BytesSystem Memory32M BytesMAC Address Entry1KMedia Access ProtocolWMMData securityOperation Humidity0°C ~ 40°C-20°C ~ 70°COperation Humidity10%~90% RH no condensing5%~90% RH no condensing	Modulation	OFDM, CCK, BPSK, QPSK
54Mbps:-72dBm11Mbps:-88dBmAntenna Gain3dBiPower9V 1AMax. Consumption6WFlash4M BytesSystem Memory32M BytesMAC Address Entry1KMedia Access ProtocolWMMData security0°C ~ 40°C-20°C ~ 70°COperation Humidity10% ~ 90% RH no condensing5% ~ 90% RH no condensing	Spectrum Spread Technology	DSSS
Image:	Transmit output power	11n 20MHz/40MHz:-65dBm
Antenna Gain3dBiPower9V 1AMax. Consumption6WFlash4M BytesSystem Memory32M BytesMAC Address Entry1KMedia Access ProtocolWMMData securityWPA/WPA2; 64/128-bit WEP; TKIP/AESOperation Humidity0°C ~ 40°C -20°C ~ 70°COperation Humidity10%~90% RH no condensing 5%~90% RH no condensing		54Mbps:-72dBm
Power9V 1AMax. Consumption6WFlash4M BytesSystem Memory32M BytesMAC Address Entry1KMedia Access ProtocolWMMData securityWPA/WPA2; 64/128-bit WEP; TKIP/AESOperation Humidity0°C ~ 40°C -20°C ~ 70°COperation Humidity10% ~ 90% RH no condensing 5% ~ 90% RH no condensing		11Mbps:-88dBm
Max. Consumption6WFlash4M BytesSystem Memory32M BytesMAC Address Entry1KMedia Access ProtocolWMMData securityWPA/WPA2; 64/128-bit WEP; TKIP/AESOperation Humidity0°C ~ 40°C -20°C ~ 70°COperation Humidity10%~90% RH no condensing 5%~90% RH no condensing	Antenna Gain	3dBi
Flash4M BytesSystem Memory32M BytesMAC Address Entry1KMedia Access ProtocolWMMData securityWPA/WPA2; 64/128-bit WEP; TKIP/AESOperation Humidity0°C ~ 40°C -20°C ~ 70°COperation Humidity10%~90% RH no condensing 5%~90% RH no condensing	Power	9V 1A
System Memory    32M Bytes      MAC Address Entry    1K      Media Access Protocol    WMM      Data security    WPA/WPA2; 64/128-bit WEP; TKIP/AES      Operation Humidity    0°C ~ 40°C      -20°C ~ 70°C      Operation Humidity    10% ~ 90% RH no condensing      5% ~ 90% RH no condensing	Max. Consumption	6W
MAC Address Entry    1K      Media Access Protocol    WMM      Data security    WPA/WPA2; 64/128-bit WEP; TKIP/AES      Operation Humidity    0°C ~ 40°C      -20°C ~ 70°C    -20°C      Operation Humidity    10%~90% RH no condensing      5%~90% RH no condensing	Flash	4M Bytes
Media Access Protocol    WMM      Data security    WPA/WPA2; 64/128-bit WEP; TKIP/AES      Operation Humidity    0°C ~ 40°C      -20°C ~ 70°C      Operation Humidity      10%~90% RH no condensing      5%~90% RH no condensing	System Memory	32M Bytes
Data security    WPA/WPA2; 64/128-bit WEP; TKIP/AES      Operation Humidity    0°C ~ 40°C      -20°C ~ 70°C      Operation Humidity      10%~90% RH no condensing      5%~90% RH no condensing	MAC Address Entry	1K
Operation Humidity    0°C ~ 40°C      -20°C ~ 70°C      Operation Humidity      10%~90% RH no condensing      5%~90% RH no condensing	Media Access Protocol	WMM
-20°C ~ 70°C Operation Humidity 10%~90% RH no condensing 5%~90% RH no condensing	Data security	WPA/WPA2; 64/128-bit WEP; TKIP/AES
Operation Humidity 10%~90% RH no condensing 5%~90% RH no condensing	Operation Humidity	$0^{\circ}\mathrm{C} \sim 40^{\circ}\mathrm{C}$
5%~90% RH no condensing		-20°C ~ 70°C
	Operation Humidity	10% $\sim$ 90% RH no condensing
Dimension (L x W x H) 160mm x 102mm x 33mm		5% $\sim$ 90% RH no condensing
	Dimension (L x W x H)	160mm x 102mm x 33mm

\*Maximum wireless signal rate derived from IEEE 802.11b/g/n specifications. Actual data throughput will vary from volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate.

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