

# W502U 3G Router



## Features

- **High Speed Data Rates**  
Providing faster data rates of up to 150Mbps and is compatible with legacy 802.11b/g equipment
- **Advanced Robust Security**  
Firewall with SPI to protect the internal host from hacker attacks. Wireless security is comprehensive and included WPA/WPA2 PSK
- **Feature Rich**  
WDS, Dual SSIDs, Static Routing, QoS and more

## Specifications

<b>Standards</b>	Wired: IEEE 802.3 (10Base-T) IEEE 802.3u (100Base-TX) Wireless: IEEE 802.11, IEEE 802.11g, IEEE 802.11n		
<b>Physical</b>	1 x 10/100Mbps WAN Port 1 x 10/100Mbps LAN Port 1 x detachable external 5dBi antenna 1 x Reset button 1 x WPS Security Key 1 x USB Port		
<b>Management</b>	Web-base management interface Remote management SNTP time synchronize		
<b>Output Power</b>	802.11b: 27dBm ± 2dBm 802.11g: 25dBm ± 2dBm 802.11n: 25dBm ± 2dBm		
<b>Sensitivity</b>	11n	20MHz	MCS7: -71 MCS0: -90
		40MHz	MCS7: -69 MCS0: -88
	11g	54Mbps: -75	6Mbps: -92
	11b	11Mbps: -90	1Mbps: -95
<b>Data Rate</b>	802.11n ( 40MHz ): up to 150Mbps 802.11n ( 20MHz ): up to 72Mbps 802.11g: 54,48,36,24,18,12,9,6Mbps 802.11b: 11,5.5,2,1Mbps		
<b>Wireless Mode</b>	WISP Bridge Router		
<b>Operating Frequency</b>	FCC: 2412~2462MHz (Ch1~Ch11) ETSI: 2412~2472MHz (Ch1~Ch13) Japan: 2412~2484MHz (Ch1~Ch14)		
<b>Security</b>	Access Control Policy MAC filter DMZ Host SSID Broadcast disable Wireless MAC address Filtering WEP Encryption WPA-/W PA2-PSK (Pre-shared Key) WPA/W PA2 Enterprise mode (802.1x) WiFi Protected Setup (WPS)		
<b>Router</b>	Shares high speed cable/xDSL Internet connection Static Routing,VPN Pass through NAT 802.11e WMM IGMP Proxy Dual SSIDs		
<b>Temperature</b>	Operating: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)		
<b>Humidity</b>	Operating :10% to 85% Non-Condensing Storage: 5% to 90% Non-Condensing		
<b>Dimensions</b>	93 x 70 x 26mm		
<b>Weight</b>	74g		
<b>Power Input</b>	12V/1A		

<b>3G Functions</b>	3G budget Control with Email warning ( Support Pre-pay and Post-pay ) Dual Wan backup Remote Access Control by 3G WAN
<b>Compatible 3G USB Modem</b>	ZTE MF622 ZTE MF626 ZTE MF627 ZTE MF628 ZTE MG880 ZTE AC8710v2 ZTE AC2726 ZTE AC8710v1 Huawei E180 Huawei E219 Huawei E160E Huawei E220 Huawei E219 Huawei E169 Huawei E169u Huawei D02 Huawei D21 Huawei D22 Huawei D23 Huawei D31 Huawei ET128 Bandluxe C170 DoCoMo A2502 SoftBank C01LC Sony Ericsson MD300 ASUA T500 Sierra 598U (EVDO) C-MOTECH U300 (EVDO)

**3G Mobile Function Diagram**

