

**YDS-954G2 V3.2-074  
SD-WAN Outdoor 4G Router 300M**

Front View



Back View

**Product Overview**

YDS-954G2 V3.2-074 is an outdoor 4G router that supports APP and WEB management, SDLAN networking, making network deployment more flexible.

It can prevent from the weather, dust and the sun with the IP65 protection level shell.

It is mainly used in farms, fish ponds, parks, and other smart wireless coverage places without external networks.

**YDS-954G2 V3.2-074  
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- Support APP and WEB management
- Support SDLAN Networking
- Provide 2\*10/100M Ethernet Ports
- Support automatic adjustment of wireless transmission rate
- Support All-network 4G
- Support 2.4G, Output Power up to 500mw
- Support 64/128 bit WEP encryption, Encryption and security mechanisms such as WPA,WPA2, WPA-Hybrid, Guarantee the security of data transmitted over the wireless network
- Support customized SSID and encryption

**Product Specification**

<b>Chipset</b>	QCA9531
<b>DRAM</b>	DDR2 128MByte
<b>FLASH</b>	16MByte
<b>Port</b>	1*10/100M (WAN) port , support Auto MDI/MDIX
	1*10/100M (LAN) port, support Auto MDI/MDIX
<b>Speed</b>	11b: 11M, 5.5M, 2M, 1Mbps
	11g: 54M, 48M, 36M, 24M, 18M, 12M, 9M, 6Mbps
	11N:6.5M, 13M, 13.5M, 19.5M, 26M, 27M, 39M, 40.5M, 52M, 54M, 58.5M, 65M, 81M, 108M, 121.5M, 135M, 150M, 270M, 300Mbps
<b>Transmission</b>	DSSS
<b>Modulation</b>	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK



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### Product Specification

<b>Standard</b>	IEEE802.11n,IEEE802.11g,IEEE802.11b,IEEE802.3u			
<b>Protocol</b>	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI,DHCP,NDIS3,NDIS4,NDIS5			
<b>Channel</b>	2412 ~ 2472MHz			
<b>Power Dissipation</b>	≤10W			
<b>Power</b>	≤10W			
<b>RF @25°C±2dB</b>	802.11b	27±2dBm		
	802.11g	6-24Mbps	27±2dBm	
		36-48Mbps	25±2dBm	
		54Mbps	22±2dBm	
	802.11n	HT20	MCS 7	22±2dBm
		HT40	MCS 7	22±2dBm
<b>Sensitivity</b>	IEEE 802.11b	11Mbps ≤ -85dBm		
	IEEE 802.11g	54Mbps ≤ -70dBm		
	802.11n	HT20	MCS 7 ≤ -65dBm	
		HT40	MCS 7 ≤ -62dBm	
<b>Antenna</b>	Frequency	2412 ~ 2487MHz		
	Polarization	Vertical/Horizontal		
	Gain	5DBi		
	Gain	5DBi		
<b>4G system</b>	Support all-network 4G, Built-in 4G antenna			
	Band	GSM900/1800+TDD B38/39/40/41+FDD B1/3/8+WCDMA B1/8+TDS B34/39		
	Data	TDD	3GPP R9 CAT4 Download 150Mbps, Upstream rate 50Mbps	
		FDD	3GPP R9 CAT4 Download 150Mbps, Upstream rate 50Mbps	
TD-SCDMA		Download 2.8Mbps, Upstream rate 2.2Mbps		



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### Product Specification

<b>4G system</b>	Data	WCDMA	3GPP R7 Download 21Mbps, Upstream rate 5.76Mbps
		EDGE	Class12, Download 236.8kbps, Upstream rate 118kbps
		GPRS	Class10, Download 85.6kbps, Upstream rate 85.6kbps
<b>Card Slot</b>	Sim card slot*2		
<b>Management</b>	WEP Management		Yes
	SNMP MIB		Yes
	Telnet		Yes
	Serial		Yes
<b>Security</b>	MAC Address Control		No
	Encryption		WEP 64/128bits,WPA,WPA2,802.1x
<b>Operating Condition</b>	Operating Temperature		-30°C to 65°C
	Storage Temperature		-50°C to 80°C
	Humidity		≤95%(Non-condensed)
<b>Product Size</b>	Size : 249*116*97MM		
	Weight : 0.5kg		
<b>Packing List</b>	1 Screws		
	1 Rubber Plug		
	1 Pole Bracket		
	1 Power Supply		
	1 Stainless Steel Fixed Ring		
	1 Specification		

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