

Zaikai

Connect. Learn. Lead.

www.zaikai.in

ZR-450

4G/5G WIRELESS ROUTER

FAST. STABLE. ALWAYS CONNECTED.

Plug, connect & enjoy seamless internet anywhere with **Zaikai ZR-450**.

FEATURES



Plug & Play

Plug in any 5G/4G SIM card into the router, and connect any of the network devices. Like Phone/PC/CCTV Devices etc.



Internal Antenna

Internal Antenna for long range & high speed.



Wi-Fi + LAN

Wi-Fi + LAN port connection.



Web UI Management

Web UI to configure device security & device management.



Multi OS Support

Supports Windows/Android/Linux/iOS operating system.



Plug & Play



Compatible to Multi OS



4G+Wi-Fi Support



High Speed



Multi Antenna



Support All Device

TECHNICAL SPECIFICATION

4G/5G LTE FEATURES

Frequency Bands	FDD LTE : B1/B3/B5/B7/B8/B20/B28 TDD LTE : B38/B40/B41 UMTS : B1/B5/B8 LTE-FDD : B1/B2/B3/B4/B5/B7/B8/B28/B66 LTE-TDD : B40 WCDMA : B1/B2/B4/B5/B8
Type of Modulation	DL : QPSK / 16-QAM / 64-QAM, comply with 3GPP UL : QPSK / 16-QAM, comply with 3GPP
Bandwidth	1.4/3/5/10/15/20 MHz, comply with 3GPP
Antenna Type / Gain	• UMTS : Power Class 3 (24 dBm $\pm$ 1.7/-3.7dB) • LTE : Power Class 3 (23 dBm $\pm$ 2.7/-3.7dB) Level

Data Transmitter Range	4G/5G Sim compatible 4G : 3GPP R9 Cat4, FDD : DL / UL up to 150Mbps / 50Mbps, TDD : DL / UL up to 110Mbps / 10Mbps
LTE Antenna	3G : 3GPP R7 DL/UL up to 21Mbps / 5.76Mbps
WLAN Features	External LTE Antennas x 1
Wi-Fi Frequency	2.4GHz, 1~13Channel
Transmit Power	• 17 $\pm$ 2dBm @ 802.11b • 15 $\pm$ 2dBm @ 802.11g • 14 $\pm$ 2dBm @ 802.11n • < -76dBm at the antenna port, QPSK, 11Mbps
Receiver Input Level	

Sensitivity	1024 Byte PSDU @802.11b • < -65dBm at the antenna port, 64QAM, 54Mbps, 1024 Byte PSDU @802.11g • -64dBm at the antenna port, 64QAM, 65Mbps, 4096 Byte PSDU @802.11n(HT20)
Wi-Fi Antenna	SISO External Antenna x 1
Protocol	802.11b/g/n
Data Transmitter Range	• 802.11b : Up to 11 Mbps • 802.11g : Up to 54 Mbps • 802.11n : Up to 72.2 Mbps

GENERAL FEATURES

- 1 x RJ45 WAN/LAN Port
- 1 x SIM Slot (4FF)
- Web UI : Connection Status / Statistics / Device Management
- Support SSID, APN Management, Access Control, Local Management
- Security : WPA2 (AES) - PSK / WPA - PSK / WPA2 - PSK

OPERATING SYSTEM



HARDWARE DETAILS

- Indicators : POWER, Wi-Fi, WAN/LAN, DATA, LTE
- Buttons : Reset / WPS
- Power Supply Input : DC 12V, 1A
- Power Consumption : $\leq$ 12W
- Dimension : 150 x 105 x 30 mm (L x W x H)
- Net Weight : 176g

ENVIRONMENT

- Storing Temp : -20°C ~ +60°C
- Operating Temp : -20°C ~ +45°C



STABLE
CONNECTION



HIGH SPEED
PERFORMANCE



EASY SETUP
WEB UI



CONNECT
MORE DEVICES