

# ZISA V800AC-LTE

AD/VDSL VOIP AC1650 LTE

LTE IAD WIFI Router



## Description

ZISA V800AC-LTE IAD+LTE is a high-speed Wireless VDSL IAD, which is an advanced all-in-one gateways incorporating an VDSL 17a modem, 802.11b/g/n/ac wireless router in one unit, bringing high-speed wireless Internet connection to a home or office, It can provide the transmission of broadband data service, which are suitable for using in a wide range of both residential (in-home) and commercial (offices, apartments, hotels, warehouses) network applications.

## Applications

- Home gateway
- SOHOs
- Small enterprise
- Higher data rate broadband sharing
- Shared broadband Internet access
- Audio and video streaming and transfer
- PC file and application sharing
- Network and online gaming
- LTE function

## Specifications

System info	
Chipset	Broadcom BCM63167
Switch	Broadcom BCM53134S
Wi-Fi	BCM63167 Inner(2.4G) 2T2R
11AC	BCM43602(5G) 3T3R
VOIP	LE9642
DDR	128MB DDR3
Flash	128 MB NAND
LTE	QCA 9X20 Cat 4 TDD(Band38/40/41)
Feature	
ADSL Features	<ul style="list-style-type: none"> <li>• T1.413i2, G.992.1</li> <li>• G.dmt, G.992.2, G.lite</li> <li>• Annex A</li> <li>• G.992.3 (G.bis/ADSL2)</li> <li>• G.992.5 (ADSL2+)</li> <li>• Annex L (Reach Extended ADSL2)</li> <li>• Support ATM forum UNI3.0, 3.1 and 4.0 permanent virtual circuits (PVCs)</li> <li>• Support CBR, UBR, VBR-rt, VBR-nrt</li> <li>• Support multiple PVCs</li> <li>• Support ITU-T i.610F4/F5 OAM</li> </ul>
VDSL Features	<ul style="list-style-type: none"> <li>• ITU-T G.993.2 VDSL2</li> <li>• Support 8a,8b,12a,12b,17a profile</li> <li>• Support G.vector</li> <li>• Support ATM and PTM</li> <li>• Support G.INP</li> </ul>
Wireless Features	<ul style="list-style-type: none"> <li>• Compatible with IEEE 802.11b、IEEE 802.11g、IEEE 802.11n and IEEE 802.11ac</li> <li>• Support auto channeling</li> <li>• Support 64/128-bit WEP, 802.1x, WPA, and WPA2 for wireless security</li> <li>• Support eight SSID</li> <li>• Support RTS/CTS, Segment function</li> <li>• Support MAC Access/Deny List</li> <li>• Wireless frequency range, 2400~2483 MHz ISM band and 5710-5835 MHz ISM band</li> </ul>
External Connectors	<ul style="list-style-type: none"> <li>• 1 x RJ11 interface for 17A VDSL port</li> <li>• 2x RJ11 interface for FXS</li> </ul>

	<ul style="list-style-type: none"> <li>• 4 x RJ45 for Gigabit Ethernet LAN</li> <li>• 1 x RJ45 for Gigabit Ethernet WAN</li> <li>• 1 x Reset button for factory default settings</li> <li>• 1 x 2.4G button for 2.4G WLAN and 2.4G WPS</li> <li>• 1 x 5G 11ac button for 5G WLAN and 5G WPS</li> <li>• 1 x SIM card slots</li> <li>• 1 x USB2.0 Host port</li> <li>• 1 x power jack</li> <li>• 1 x power switch</li> <li>• Antenna inner</li> </ul>
<p>Protocol Features</p>	<ul style="list-style-type: none"> <li>• RFC 2684 multiprotocol Encapsulation over ATM Adaptation Layer 5</li> <li>• RFC1483 multiprotocol Encapsulation over ATM Adaptation Layer 5</li> <li>• RFC2364 PPP over ATM ALL5 (PPPoA)</li> <li>• RFC2516 PPP Over Ethernet (PPPoE)</li> <li>• RFC1662 PPP in HDLC-like Framing</li> <li>• RFC1332 PPP Internet Protocol Control Protocol</li> <li>• RFC1577/2225 Classical IP and ARP over ATM (IPoA)</li> <li>• RFC1483R</li> <li>• RFC894 A Standard for the Transmission of IP Datagrams over Ethernet Networks</li> <li>• RFC1042 A standard for the Transmission of IP Datagrams over IEEE 802 Networks</li> <li>• MER (a.k.a IP over Ethernet over AAL5)</li> <li>• Support ALG (Application Level Gateways)</li> <li>• ITU G.992.1 (G.dmt)</li> <li>• ITU G.992.2 (G.lite)</li> <li>• ITU G.994.1 (G.hs)</li> <li>• ITU G.992.3 (ADSL2)</li> <li>• ITU G.992.5 (ADSL2+)</li> <li>• ITU G.993.2 (VDSL2)</li> <li>• ANSI T1.413 issue 2</li> <li>• IEEE802.3</li> <li>• IEEE802.3ab</li> <li>• IEEE 802.11b</li> <li>• IEEE 802.11g</li> <li>• IEEE 802.11n</li> <li>• IEEE 802.11ac</li> </ul>

Bridging Features	<ul style="list-style-type: none"> <li>• Self-learning bridge (IEEE 802.1D Transparent Bridging)</li> <li>• At least 64 learning MAC addresses</li> </ul>
Routing Features	<ul style="list-style-type: none"> <li>• RFC768 User Datagram Protocol (UDP)</li> <li>• RFC791 Internet Protocol (IP)</li> <li>• RFC792 Internet Control Message Protocol (ICMP)</li> <li>• RFC793 Transmission Control Protocol (TCP)</li> <li>• RFC826 An Ethernet Address Resolution Protocol (ARP)</li> <li>• RFC862 Echo Protocol</li> <li>• Support IP routing</li> <li>• Support transparent bridging</li> <li>• Support source and destination routing</li> <li>• Support DHCP server/client</li> <li>• Support UPnP</li> <li>• Support NAT,NAPT</li> <li>• Support DMZ</li> <li>• Support IP QoS</li> </ul>
Management	<ul style="list-style-type: none"> <li>• Device Configuration, Management and Update</li> <li>• Web based GUI</li> <li>• Localization support</li> <li>• Embedded web server</li> <li>• Download image via HTTP, TFTP client, TFTP server</li> <li>• Command Line Interface via serial port, telnet</li> <li>• Menu-driven CLI via serial port or telnet</li> <li>• Universal Plug and Play (UPnP) Internet Gateway Device (IGDv1.0)</li> <li>• WAN Management Protocol (TR-069)</li> <li>• PSI configuration file upload and download</li> <li>• Date/time update from SNTP Internet Time Server</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Three-level login including local admin, local user, and remote technical support access</li> <li>• Service access control based on incoming interface: WAN or LAN</li> <li>• Service access control based on source IP addresses</li> <li>• Protect DOS attacks from WAN: SYN flooding, IP surfing, ping of Death, fragile, UDP ECHO (port 7), teardrop, land</li> <li>• PAP (RFC1334), CHAP (RFC1994), MSCHAP for PPP session</li> <li>• IP filter, Parental control</li> </ul>
<b>Environment Requirements</b>	

Operating Temperature	0°C - 40°C (32°F - 104°F)
Storage Temperature	-10°C - 60°C (14°F - 140°F)
Operating Humidity	10% - 95%, non-condensing
Storage Humidity	5% - 95%, non-condensing
Power adapter input	100V - 240V AC, 50/60Hz
Power adapter output	12V DC, 2.5A
<b>EMC and Safety</b>	
Regulatory Compliance	
<b>Physical Characteristics</b>	
Physical Dimension	210mm*170mm*40mm

**ZISA Corporation Limited**

Mail to : [sales@zisacom.com.cn](mailto:sales@zisacom.com.cn)

Website: [www.zisacom.com](http://www.zisacom.com)

Specifications are subject to change without notice.

Copyright © ZISA Corp. All rights reserved.

