AT-iMG634 – R2
USER MANUAL

AT-iMG634 – R2 User Manual

This User Manual covers the following product:

AT-iMG634 – R2

For a description of detailed functionality please refer to the Reference Manual.
For installation and safety instructions please refer to this User Manual.

613-000480_A

Please see below for the meaning of the icons used in this manual.

CONTENTS

1   IMPORTANT SAFETY INSTRUCTIONS

DO NOT OPEN the product, remove screws or cover. To prevent ELECTRIC SHOCK during normal use, the plastic chassis of the product must be kept closed.

This unit contains HAZARDOUS VOLTAGES and should only be opened by a trained and qualified technician.

DANGER: DO NOT WORK on equipment or CABLES during periods of LIGHTNING ACTIVITY to avoid ELECTRIC SHOCK.

Do not use the telephone to report a gas leak in the vicinity of the leak.

To avoid risk of electrical shock or fire, this device, connecting peripherals and cables, should not be used in an outside environment.

Air vents must not be blocked. They must have free access to the environment air for cooling to prevent fire caused by excessive heating.

To avoid the possibility of ELECTRIC SHOCK or FIRE caused by a short in internal circuits, do not place the device in any of the environments listed on point 2.

To avoid FIRE risk, use this unit only with industry standard plugs and wiring suitable for your territory.

Be careful not to drop water or any other harmful substance onto the product. This could lead to fire or electric shock. If the unit might get in contact with liquids, unplug the power and contact your support center or sales stores.
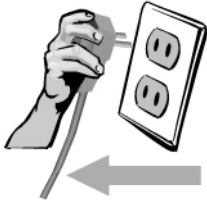
This product contains parts that are sensitive to static shock. Please avoid touching interface connectors with bare hands.

This could lead to fire or electric shock.
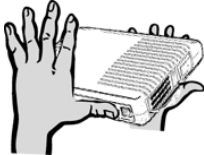Take care when handling the power cable and plug:
- Do not strain the power cable
- Do not place near a heater or stove
- Unplug the power cable using the plug

Keep the product free away from dust and maintain it clean.
Unplug before cleaning.

Only the power adapter supplied with this unit is guaranteed to function correctly with it.

Do not drop the unit, handle with care.

If really dirt, clean using a soft, damp cloth with a neutral detergent. Then dry with a soft cloth.

Do not use oil, cleanser, thinner, petrol, wax, boiled water and powdered soap (please follow the instructions when you use a chemical duster).

2   IMPORTANT NOTICE

Do not use or store the device:
- In direct sunlight.
- In a hot environment.
- In a low-airflow environment, such as a drawer or a closet, while the unit is turned on. *Restricting airflow can damage the unit or cause a fire.*
- Where there could be a sudden temperature change
- In a damp place or near a liquid such as water. Humidity must be less than 80%.
- In areas subject to a lot of vibration.
- In dusty and/or carpeted areas.
- In the presence of corrosive gases.

3   CONTENTS OF THE PACKAGE

The following items are included in the package.
Contact your sales representative if any items are damaged or missing.

1. One AT-iMG634 – R2A or AT-iMG634 – R2B

2. One AC/DC power adapter

3. One CD user manual

AT-iMG634WA/B

Power Adapter
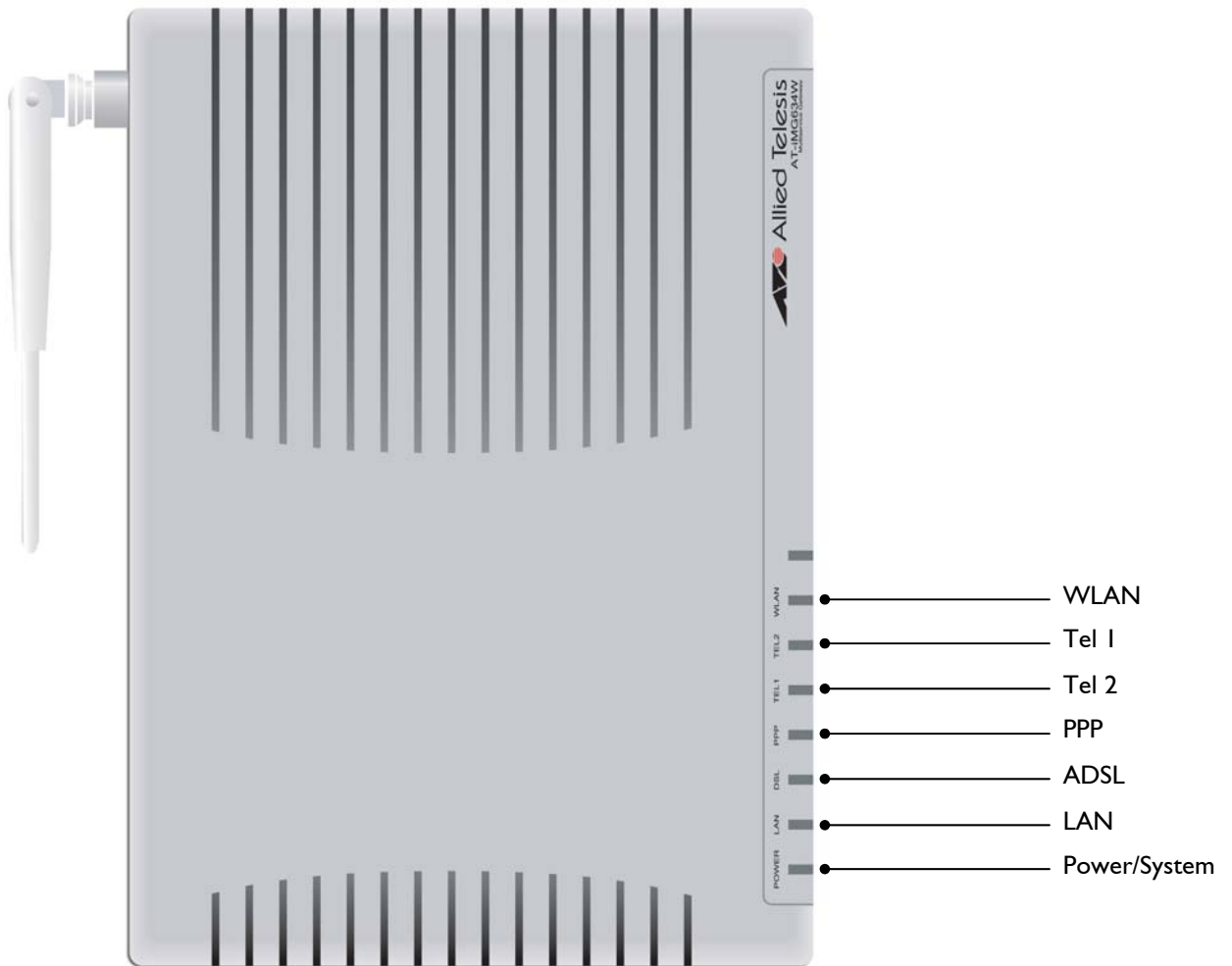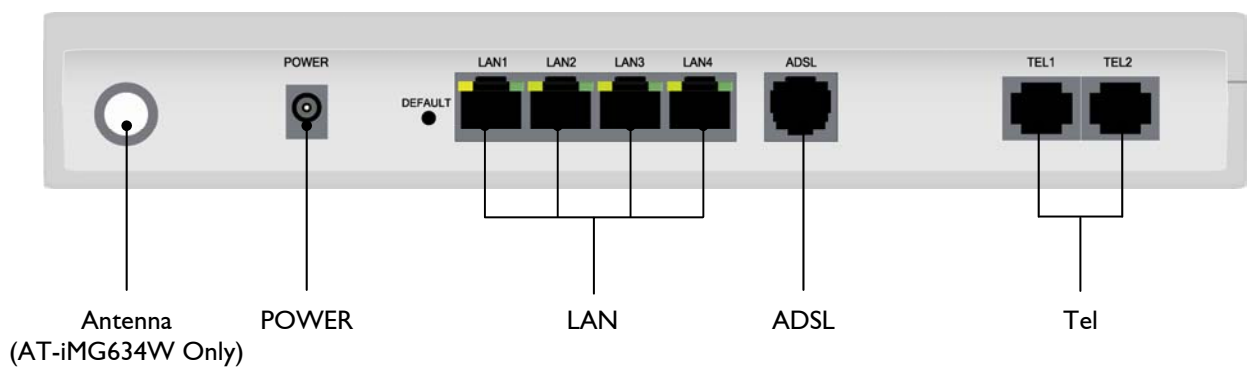
CD User Manual

PLEASE NOTE THAT THE PACKAGE DOES NOT CONTAIN SCREWS.

4   PRODUCT DETAILS

Top view of unit

WLAN
Tel 1
Tel 2
PPP
ADSL
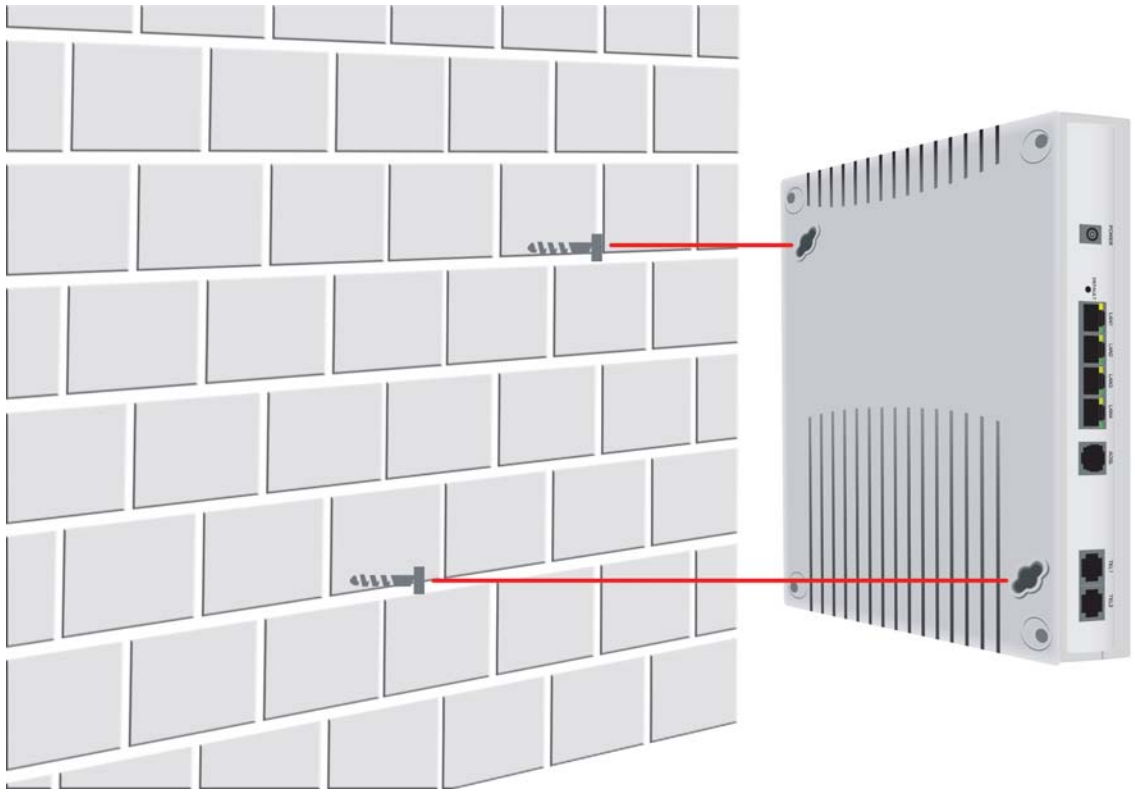LAN
Power/System

Rear view of unit

Antenna
(AT-iMG634W Only)   POWER   LAN   ADSL   Tel

LED description

Led	State	Function
Power/ System	Green light on	The device is receiving power; voltage is within the acceptable range
	Red light on temporarily after power on	Boot phase
	Red light on continuous	An abnormal operating condition
	Red light flashing	Software upgrade in progress
	Red light off	The system is working normally
PPP	Green light on	PPP Link up
	Red light off	No PPP link established
LAN	Left Green light on	Link up
	Left Green light off	Link down
	Left Green light flashing	Link activity
WLAN	Green light on	Link up
	Green light flashing	Transmission and reception of packets
ADSL	Green light on	Link up
	Green light off or flashing slowly	Link down
	Green light flashing quickly	Link training
Tel 1/ Tel 2	Green light on	LED turns on green when you lift the receiver of the telephone or fax connected to at least one VoIP port and remains on during the call
	Green light off	Link down
	Green light flashing	VoIP network is available
LANx	Left Green light on	Link up
	Left Green light off	Link down
	Left Green light flashing	Link activity
	Right Green light on	100Mbps link
	Right Green light off	10Mbps link

Rear panel ports and button description

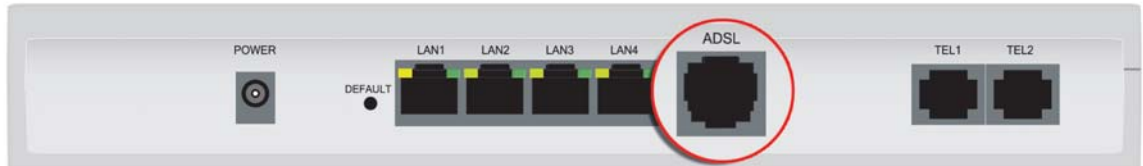|	Function
Tel Port	Connects analog telephone and fax through a telephone cord
Default Button	Used to reset the unit; it causes the default configuration to be loaded with the static IP address value of 192.168.1.1. To reset, press the 'default' reset button through the 'default' hole. Then power the unit while keeping the button pressed. When the system red light flashes to signal the starting of boot phase, wait another 15 seconds and then release the button.
LAN Ports (MDI-X)	Connects computer, HUB and switch with CAT.5 Ethernet cable
ADSL Port	Connects UTP from the ADSL network terminator
Power Cable	Provides the 12V DC power to this product. This product doesn't have a power switch, you have to plug or unplug the power cable to turn the unit on or off

5   UNIT INSTALLATION
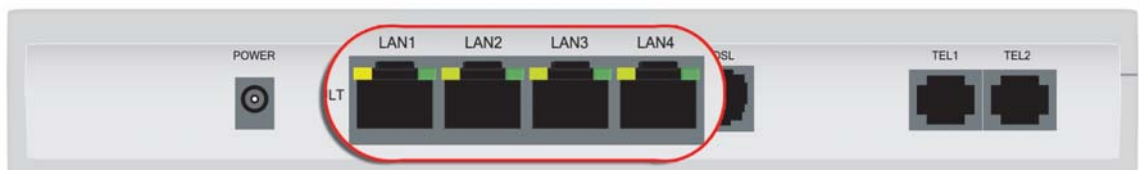
6 CONNECTING THE AT-IMG634 – R2

ADSL cable connection

Plug the ADSL cable into the ADSL port until you hear a "click" and make sure it is correctly fixed by lightly pulling the ADSL cable. In the same way, Connect the plug on the other end of the ADSL cable to the terminator.
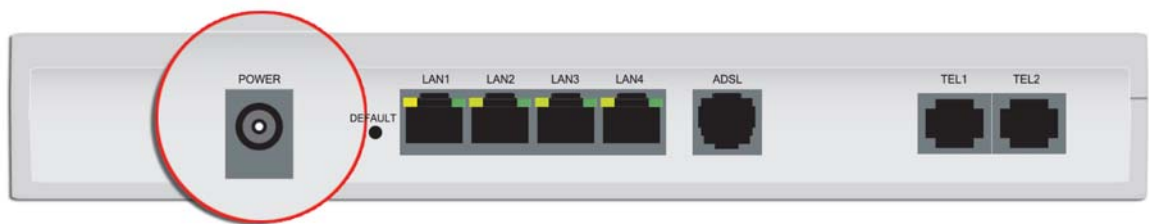
LAN Cable connection

Push in the plug of the UTP cable to the LAN port until you hear a "click" and make sure it is correctly fixed by lightly pulling the UTP cable. In the same way connect the plug on the other end of the UTP cable to the network interface card of the computer, or of the other LAN device.

Disconnecting power supply

This product doesn't have a switch; it turns on automatically by connecting the power cable. To turn it off, just remove the power plug.

⟹ Note about functions and services (AT-iMG634 – R2)
The VoIP Telephony provider may not offer all of the services that a standard telephony network usually provides. Similarly, some telephone or fax functions may not be available on the VoIP network. Please contact your VoIP Telephony provider for further details.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.　These limits are designed to provide reasonable protection against harmful interference in a residential installation.　This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.　If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Appendix - Technical Specifications

Interface	
ADSL port	1 ADSL (6 pin RJ11 connector for Annex A, 8 pin RJ45 connector for Annex B)
LAN port	4 10/100BASE-TX (8 pin RJ45 connector)
TEL port	2 FXS (6pin RJ11 connector)
WiFi	802.11b/g
Power	
Input voltage	12V DC
DC input current	1.25A (DC 12V)
Average power	12.6W
Environment condition	
Storage Temperature	-20°C to +40°C
Humidity	Less than 95% (non condensing)
Operating Temperature	0°C to +40° C
Humidity	Less than 80% (non condensing)
Size (with no projection)	
	215 (W) x 151.35 (D) x45 (H) mm
Weight	
	450g
MAC address table size	
	1,000 (Max.)
Memory Capacity	
RAM memory	32 Mbyte
Flash memory	8 Mbyte
Product Certification	
	CE, FCC, UL
Compliances (All Products)	
	FCC Part15 Class B (only Annex A)
	FCC Part 68 (only Annex A)
	UL 60950 (only Annex A) EN55022, EN61000-3, EN61000-4, EN55024
	CE EN60950
	CE EN 300 386 ROHS = EU directive 2002/95/EC WEEE = EU directive 2002/96/EC
Compliances (Wireless Model Only)	
	ETSI EN 301 489
	ETSI EN 300 328
	WLAN electromagnetic compatibility ▪ EN 300 328 V1.7.1 ▪ EN 301 489-01 V1.6.1 ▪ EN 301 489-17 V1.2.1 ▪ EN 50371
	FCC Part 15 Subpart C
	Notification for the placing on the market.

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