# ZTE MC315 Wireless Network Card User Guide

(Version: V4.2-LX)

# **Table of Contents**

1.	Introduction
2.	Specifications
3.	Care for Your Card
4.	Features
5.	Install and Uninstall
	5.1 System Requirements5
	5.2 Installation for Windows 2000
	5.2.1 Install
	5.2.2 Uninstall
	5.3 Installation for Windows XP
	5.3.1 Install
	5.3.2 Uninstall
6.	The Main Window and Icons
7.	Connect/Disconnect
8.	Connection Record
9.	Voice Call
10.	Call History
11.	Write SMS
12.	Read SMS
13.	Phone Book
14.	Settings
15.	View the Software Version
16.	Troubleshooting

### 1. Introduction

ZTE MC315 PCMCIA wireless network card equips with a standard Type II PC Card slot (available on most notebook PCs) and works as a wireless network card, a modem, and a mobile phone. This card allows you to connect to the Internet, send and receive short messages, and make phone calls, without a network cable or phone line.

With the design of the R-UIM card separate from the body, MC315 PCMCIA wireless network card can make the operation more flexible.

### 2. Specifications

Transmitting Frequency	824.04~848.97MHz
Receiving Frequency	869.04~893.37MHz
Freq. Stability	FA±300Hz
Dimension	86*54*5 mm
Weight	33g
Data Transmission	MAX 153.6 kbps
Voltage	3.3V from PCMCIA Slot
Current	Dormancy: 90mA Maximum: 850mA
Transmitter Power	200mW

### 3. Care for Your Card

- 1. Protect the card from liquids, dust, or excessive heat.
- 2. Optimal signal strength is usually obtained when the antenna is perpendicular to the card. The antenna could be easily folded down. Do not fold down the antenna in great force or plug the antenna in and out of the card frequently. ZTE shall not be held responsible for the loss due to user's misoperation.
- 3. The card should easily fit into your PC slot. Inserting the card into a slot forcefully may damage connector pins.
- 4. Do not operate the card near any equipment which may be susceptible to electromagnetic interference.



4. Features



### **Insert R-UIM card to MC315**



When MC315 card starts up, the lamp turns YELLOW. After a few seconds, the card will be ready to work, and the lamp turns GREEN.

To remove the card from your computer, please click the button "Safely Remove Hardware";



and then press the button outside the slot. The card will automatically eject out. Do not pull the card out by the antenna.



### 5. Install and Uninstall

### **5.1 System Requirements**

The MC315 wireless network card can be installed under the either of the following operating system:

- Windows 2000
- Windows XP

To install the MC315, you should meet the following minimum system requirements:

CPU	Pentium-II/233MHz
Card Slots	1 Type II PCMCIA (PC Card) Slot
Optical Drive	CD-ROM (for installation only)
Memory	64 MB
Disk Space	30 MB

### **5.2 Installation for Windows 2000**

#### 5.2.1 Install

Note: Don't insert the ZTE MC315 Wireless network Card before setup.

1. Please find "Autosetup.exe" firstly in ZTE MC315 CD, double click "Autosetup.exe" icon, and then choose "English" when the following picture appears on the screen;





2. When the following window appears, please click "Next";



3. Select the location where the program is to be installed, and then click "Next";

📅 Setup - ZTE MC315(Lenovo Edition)	×
Select Destination Location Where should ZTE MC315(Lenovo Edition) be installed?	3
Setup will install ZTE MC315(Lenovo Edition) into the following folder.	
To continue, click Next. If you would like to select a different folder, click Browse.	
D:\Program Files\ZTE MC315 Browse	
At least 6.0 MB of free disk space is required.	
< <u>B</u> ack <u>N</u> ext > Cancel	



4. When the following window appears, please click "Next";

🖟 Setup - ZTE MC315(Lenovo Edition)
Select Start Menu Folder Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
ZTE MC315 Browse
< <u>B</u> ack <u>N</u> ext > Cancel

5. When the following window appears, please click "Install";

🚰 Setup - ZTE MC315(Lenovo Edition)	_ 🗆 🗙
<b>Ready to Install</b> Setup is now ready to begin installing ZTE MC315(Lenovo Edition) on your computer.	
Click Install to continue with the installation, or click Back if you want to review or change any settings.	
Destination location: 0:\Program Files\ZTE_MC315	<u> </u>
Start Menu folder: ZTE MC315	
< <u>B</u> ack	Cancel



6. Please wait;



7. Please insert the MC315 card; (If your card is already in the slot, please insert the card again)

j🖥 Setup - ZTE MC315(Lenovo Edition)	_ 🗆 🗙
Installing Please wait while Setup installs ZTE MC315(Lenovo Edition) on your computer.	
Finishing installation	
Please insert CDMA 1X device again.   Image: Please insert CDMA 1X device again.   Image: Please insert CDMA 1X device again.   Image: OK	
	Cancel

MC315 User Guide



8. Please wait to update the driver. You can see the window below when the driver is installed successfully. Click "OK";

Please wait while Setup installs ZTE N	IC315(Lenovo Edition) on your computer.
Finishing installation SetupProduct Oriver installat	on success, you can use the card now.
	Cancel

9. Click "Finish" to close the last screen of the wizard. Now you can start the application for MC315.





#### 5.2.2 Uninstall

1. Select Start -> Programs -> ZTE MC315 -> Uninstall ZTE MC315. You will be asked if you want to remove ZTE MC315 card and all of its components from your PC. Click "Yes";

ZTE MC31	5(Lenovo Edition) Uninstall 🛛 🔀
?	Are you sure you want to completely remove ZTE MC315(Lenovo Edition) and all of its components?
	Yes Do

#### 2. Please wait;

ZTE MC315(Lenovo Edition) Uninstall	×
Uninstall Status	3
Please wait while ZTE MC315(Lenovo Edition) is removed from your computer.	
Uninstalling ZTE MC315(Lenovo Edition)	
	Cancel

3. Click "OK" when uninstall is complete. Some elements such as phonebook and call history saved in the folder could not be removed; and you can remove these elements manually.

ZTE MC31	5(Lenovo Edition) Uninstall
•	ZTE MC315(Lenovo Edition) uninstall complete. Some elements could not be removed. These can be removed manually.

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### 5.3 Installation for Windows XP

### 5.3.1 Install

Note: Don't insert the ZTE MC315 Wireless Card before the installation.

1. Please find "Autosetup.exe" firstly in ZTE MC315 CD, double click "Autosetup.exe" icon, and then choose "English" when the picture appears on the screen;



2. When the following window appears, please click "Next";





3. Select the location where the program is to be installed, and then click "Next";

1 <sup>1</sup> / <sub>2</sub> Setup - ZTE MC315(Lenovo Edition)
Select Destination Location Where should ZTE MC315(Lenovo Edition) be installed?
Setup will install ZTE MC315(Lenovo Edition) into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
H:\Program Files\ZTE MC315 Browse
At least 6.0 MB of free disk space is required.
< <u>B</u> ack <u>N</u> ext > Cancel

4. When the following window appears, please click "Next";

🕼 Setup - ZTE MC315(Lenovo Edition)
Select Start Menu Folder Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
ZTE MC315 Browse
< <u>B</u> ack <u>N</u> ext > Cancel



5. When the following window appears, please click "Install";



#### 6. Please wait;





7. Please insert the MC315 card; (If your card is already in the slot, please insert the card again)



8. Please wait to update the driver. During the period, the following window will pop up and you could ignore it;

Found	New Hardware	×	
A problem o hardware mi	curred during hard ght not work prope	ware installation. Your new rly.	
<u> </u>		P	
🔂 Setup	1	FR 🔿 👻	🏂 😻 🚾 💟 10:50 AM 👘



9. You can see the window below when the driver is installed successfully. Click "OK";

Finishin	ng installation			
	SetupPr	<b>roduct</b> Driver installation success, you	L can use the card now.	
		ОК		

10. Click "Finish". Now you can start the application for MC315.

🕞 Setup - ZTE MC315(Len	ovo Edition) 📃 🗖 🗙
	Completing the ZTE MC315(Lenovo Edition) Setup Wizard
	Setup has finished installing ZTE MC315(Lenovo Edition) on your computer. The application may be launched by selecting the installed icons.
	Click Finish to exit Setup.
	<b>Einish</b>



#### 5.3.2 Uninstall

1. Select Start -> Programs -> ZTE MC315 -> Uninstall ZTE MC315. You will be asked if you want to uninstall ZTE MC315 card and all of its components. Click "Yes";

ZTE MC3	315(Lenovo Edition) Uninstall
?	Are you sure you want to completely remove ZTE MC315(Lenovo Edition) and all of its components?
	Yes <u>N</u> o

#### 2. Please wait;

EMC315(Lenovo Edition) Uninstall	
Uninstall Status Please wait while ZTE MC315(Lenovo Edition) is removed from your computer.	()
Uninstalling ZTE MC315(Lenovo Edition)	
	Cancel

3. Click "OK" when un-install is complete. Some elements such as phonebook and call history saved in the folder could not be removed, and you can remove these elements manually.

ZTE MC	315(Lenovo Edition) Uninstall 🛛 🔀
٩	ZTE MC315(Lenovo Edition) uninstall complete. Some elements could not be removed. These can be removed manually.
	OK



### 6. The Main Window and Icons

You can launch the program in either of the following two methods:



- Double click ZTE MC315 icon on the desktop;
- Select from "Start -> Programs -> ZTE MC315 -> ZTE MC315";

After initialization, the main window of the application will be displayed on the screen. The icons at the top of the main window indicate as below:

-	Connect/Disconnect
1	Connection Record
C.	Voice Call
12	Call History
X	Send Short Message
	Read Short Message
	Phone Book
**	Settings
(?)	Help



### 7. Connect/Disconnect



Connect to network:

- 1. Click "Connect/Disconnect" icon on the main window;
- 2. Click "Connect" button.

Disconnect: Click "Disconnect" button.



### 8. Connection Record

ZTE MC315				Ξ	۲
Sonnect Connection Voic	🔍 🔂	Write SMS	Read SMS Phoneboo	k Settings	? Help
Tul	13:31	Connection re	econ		
ZTE		Date	Time	Period	Bj
Offline					
Connections records is no data.Only for reference.	t official	<		Delete C	) lear
CDMA 1X	-				

#### Note:

Connection Record is not official data. It's only for users' reference.

The connection record is displayed when you click the "Connection Record" icon.

It records connection time and upload/download bytes for each connection. And it lists the monthly statistics.

### 9. Voice Call

叠 टте мо	315						e	8
Connect <sup>y</sup> Disconnect	nnection Record	Voice Call	Call History	Write SMS	Read SMS	Phonebook	Rettings	elp
T			18:29			С 2 5 8 0 т	<b>3</b> 6 9 # RL	
CDMA 1X				Low				łigh

Note: Please confirm your earphone is connected with the wireless card when you want to make a voice call.

The dialing pad for the card is displayed when you click the "Voice Call" icon. This performs the same functions as the dialing pad on a mobile phone.

#### Make a call:

- 1. Please plug the earphone in the card if it is not plugged in the card yet;
- 2. Click "Voice Call" icon;
- 3. Input the number you want to dial by either clicking the number buttons on the dial pad or typing the numbers on your keyboard;
- 4. Click button or press "Enter" key to make a call.

#### Receive a call:

- 1. Please plug the earphone in the card if it is not plugged in the card yet;
- 2. Click button or press "Enter" key to receive the call;
- 3. Click button or press "ESC" key to end the call.

#### Redial the last number called:

1. Click button **RL**;



### Add timed-pause character

1. When you dial, you can input timed-pause character "P" or "T" by clicking or



2. Please refer to chapter 14 to set delay for P key and T key.



## **10.Call History**

Sonnect sconnect	on Voice Call	Call History	Write SMS	Read SMS	Phonebook	Rettings	× Help
T.a		13:28	Made calls		• Number	Date/	Time
			TName		Number	Dater	
Call	SMS Save		,		D	elete	Clear

Call history enables you keep the record of outgoing, incoming and missed calls.

You can add an entry to the Phone Book, and make a call or send messages to a number contained in one of the call records.

### 11.Write SMS

ZTE MC315	Voice Call	Call History	Write SMS	Read SMS	Phonebook	Contraction Contra	× ? Help
Tut Content Are you OK?	11/160	05:29	Receiver Select New Edit Delete Clear send	Priorty Name		alid 1 c	

To send short messages:

- 1. Click "Write SMS" icon on the window;
- 2. Input the message in the field in the left of the window;
- 3. Click "New" button to enter the recipients by typing the phone numbers, or click "Select" button to enter the recipients by selecting from the phone book;
- 4. Enter multiple recipients;
- 5. Select "Priority" and "Valid";
- 6. Click "Send" button to send the message.

Note: The successful sent messages will be stored in the Outbox.



### **12.Read SMS**

🛃 ZTE MC315						(	• •
Connect isconnect	Voice Call Ca	ill History	Write SMS	Read SMS	Phonebook	Settings	e elp
T.ul	05:0	31	In Box	CDM.	A 1X C/ 💌		0/1/30
Sender:( <n a="">) Date:2006-05-131( Content Are you OK?</n>	0:30:40		Name	133168		Date 06-05-1	Content Are yo
Call Reply	forward Save	•	Copy all	Сору	D	elete	Clear
CDMA 1X		-					

Incoming messages are stored in the Inbox. Outgoing messages are stored in the Outbox. In the Inbox or Outbox, you can view the messages, reply the messages, transfer the messages, and save the sender's number of the messages.

Messages could be stored in either PC or R-UIM card. You can copy them from one storage media to another by clicking "Copy" or "Copy all" button.

To read short messages:

- 1. Click "Read SMS" icon on the window;
- 2. Select the Inbox or Outbox from the drop-down menu;
- 3. Click the message you want to read in the messages list in the right of the window;
- 4. View the message text in the left of the window.

### **13.Phone Book**

Name	Mobile	Home	Office	Em

The Phone Book enables you to store the phone numbers and e-mail addresses of your contacts.

#### To open the Phone Book:

- 1. Click "Phonebook" icon on the window;
- 2. View the Phone Book window which lists the Phone Book entries.

#### To add an entry to the Phone Book:

- 1. Open the Phone Book;
- 2. Click "New" button on the window;
- 3. Enter the person's name and any phone numbers and/or e-mail addresses in the Contact detail's window;
- 4. Click "OK" to save the entry.

#### To dial a phone number in the Phone Book:

- 1. Select the entry on the Phone Book window;
- 2. Click "Call" button.

### To send a message in the Phone Book:

- 1. Select the entry on the Phone Book window;
- 2. Click "SMS" button.

The Phone Book records can be stored in either PC or R-UIM card. You can copy them from one storage media to another by clicking "Copy" or "Copy all" button.



### **14.Settings**

d ZTE MC315		⊜ ⊗
	Settings	× 🙀 👰
Connect/ Disconnect Reco	Connect Network Dialing option Lock device	ttings Help
	User: card	0/0/30
Tail Sender:	password:	Content
Date: Content	Number: #777	
	DNS server	
	Primary DNS: 0.0.0.0	
	Secondary 0.0.0.0	
	Connect network when startup	
Call Re	T Auto reconnect	Clear
	OK Cancel Ap	
CDMA 1X		

Connection settings:

You can set the network connection parameters.

The settings are different in various networks.

For example:

In China Unicom, they are:

- 1. User: card
- 2. Password: card
- 3. Number: #777





### P/T key delay setting

You can set delay for P key and T key.

#### Lock device

You can lock the card to make call restrictions.

### **15.View the Software Version**

Click "Help" button and select "About Wireless card application", you can view the version of application and embedded software.



### **16.Troubleshooting**

When the software is properly installed, you will find the port "Compact Flash OX16CF950" and the modem "CDMA\_1X Modem" in the device manager.

🖳 Device Manager	X			
File Action View Help				
	~			
🗄 🧶 Batteries				
🗈 😼 Computer				
🗄 🥌 Disk drives				
🔁 😳 Display adapters				
🗈 🥝 DVD/CD-ROM drives				
🖻 🚍 IDE ATA/ATAPI controllers				
🔁 🦣 IEEE 1394 Bus host controllers				
🗄 🔊 Infrared devices	=			
🗄 🦢 Keyboards				
• O Mice and other pointing devices				
E Modems				
CUTEXATIC SOK ACLINK Modem				
🕀 🔮 Monitors				
🗈 📟 Network adapters				
E 🚱 Other devices				
🗄 🖷 🧾 PCMCIA adapters				
Ports (COM & LPT)				
Compact Flash OX16CF950 (COM4)				
ELPrinite Fort (LFT)	~			

If you can't find the devices, uninstall the application and install it again.

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Symptoms	Possible causes	Solutions		
The window		Close MC315 application and re-insert		
displays the	The card is not in the slot.	MC315 card, and then run the application		
message:		again.		
"Initialize failed.	Other applications such as	Close other applications and run MC315		
Can not open the	"Hyper terminal" are using	application.		
serial port"	the card.			
The window	The R-UIM card is not	Insert the R-UIM card in MC315 card.		
displays the	inserted in MC315 card.			
message: "MC315	The R-UIM card is inserted Insert the R-UIM card according			
can not find the	on the wrong side.	indicator in MC315 card.		
UIM card"	The R-UIM card error.	Change R-UIM card.		
	Antenna is not plugged in	Plug the antenna in MC315 card.		
	MC315 card.			
No signal indicated	Out of the network service	Confirm it is in the CDMA network		
	area.	service area.		
	Poor network signal.	Adjust your antenna please.		
During a dial-up		Correct the settings. You can get the		
data connection,		information from your service provider.		
the window	Wrong user name or	e.g. In China Unicom, they are:		
displays the	password.	User: card		
message: "The		Password: card		
remote computer		Number: #777		
is not responding"	No enough money in your	Save money into your account or contact		
	account.	your service provider.		

If the problems cannot be solved after the above handling, please

- > Download the latest MC315 card program from <u>http://www.zteit.com</u> and reinstall it.
- Call 86-755-26010555 or feedback your information directly by sending emails to zte\_mobile@zte.com.cn for customer service. We will reply to you as soon as possible and provide you with high quality after-sales services.