

Read this manual before operation

- > The content includes electric connections and operation steps
- \blacktriangleright Read the manual to operate the systems

RD-WIFI

Wireless Network Instruction

RuiDa Technology Co., Ltd

Addr:	2th	floor,Techno	logy	Building,NC	0.,1057	Nanhai
	Ave	nue,Nanshan	Dist	rict,Shenzhen	city,G	uangdong
	Prov	vince,P.R.China	a			
Tel:	0755	26066687				
Fax:	0755	26982287				
E-mail:	sale	s@rd-acs.com				
Web:	www	.rd-acs.com				



COPYRIGHT

All rights reserved.You may not reproduce, transmit, store in a retrieval system or adapt thispublication, in any form or by any means, without the prior written permissionof RuiDa, except as allowed under applicable copyright laws. We have identifiedwords that we consider as trademarks. Neither the presence or absence oftrademark identifications affects the legal status of any trademarks.



CERTIFICATION DECLARATION

CE

The product has been certified by the CE (Commutate European) safety certification. It has passed the corresponding conformity assessment procedure and the manufacturer's declaration of conformity, in accordance with the relevant EU directive.

ROHS

This product has been certified by EU legislation (Restriction of Hazardous Substances) Safety certification; comply with relevant EU environmental regulations.

FCC

This product has been certified by the Federal Communications Commission for safety, Comply with us electronic safety regulations.

SAFETY INFORMATION

When using this system, please make sure the operation is correct and the usage is safe. Some signs or text will be used to remind you to pay attention to the dangerous matters and some important information.



Dangerous:

Indicates a serious danger. In the process of use, if the operation is improper or the way of use is wrong, it may cause serious injury or even death to the user. Please do not operate it easily until you have made sure that the operation method is correct and the way of use is correct.



Warning:

Danger.n the process of use, if the operation is improper or the use is wrong, which may lead to the injury of the personnel, please do not operate the personnel and related personnel easily, until ensure the correct operation method and use method is correct before use.



Cautious:

Represents the potential risk of the product. In the process of use, if the use method is wrong or improper operation, it may cause damage to the product or some parts. Please do not use it until you have made sure that the operation method is correct and the usage is correct.



Important:

Represents important information to be paid attention to during the use of the product.Please do not ignore this information, this information will provide effective operational help.



This sign indicates laser radiation, which is usually posted on products with laser output. Please be careful with laser and pay attention to safety when using this kind of equipment.



Sign in , Devanning , Examine cargo

The product itself with plastic or metal shell, can protect the external electrical components from damage. The products are packed in foam bags and anti-static bags. If there is any external damage to the package, check the equipment and notify the carrier and carrier in writing of the damage.



Inportant:

After receiving the product, please check whether the outer package is intact, check whether the product is complete after unpacking and whether all parts are intact. If any damage is found, please contact ruida immediately.

Remove all cargo from package and keep packing material and wiring parts. Please take care of the safety of the goods when unpacking them. After taking out the goods, please check whether the parts are complete and intact. If any missing parts or damaged parts are found, please contact ruida technology immediately. Do not install or debug the equipment if any obvious damage is found.



Contents

Section 1 NETWORK CONNECTIONS VIA WIRELESS CARD OR WIFI ON LAPTOP	1
1.1 One machine + One PC	2
1.2 One machine + Multiple PC	3
1.3 Multiple machines + One PC	3
1.4 Configuration:	4
Section 2 NETWORK CONNECTIONS VIA EXTERNAL WIRELESS ROUTER	7
2.1 Multiple machines + One PC	8
2.2 Configured RD-WIFI terminal	8
Section 3 MAIN BOARD NETWORK SETTING	11
3.1 Networking without external wireless router	11
3.2 Networking by external wireless router	15



Section 1 Network connections via Wireless Network Card or WIFI on laptop

CONTENTS:





1.1 One machine + One PC

In this mode, one PC connects to one wireless terminal device via wireless terminal. As Figure-1 showed:



Figure-1 One desk-top computer wireless connection diagram

(Configured WIFI network card with USB interface)

Based on above structure, configured with RuiDa motion controller and RD-WIFI smart terminal devices, and the desk-top computer with wireless card, the wireless control can be achieved between computer and machine.



Figure-2 One laptop wireless connection diagram

(Open WIFI)

Based on above structure, configured with RuiDa motion controller and RD-WIFI smart terminal devices, and the laptop with wireless network card, the wireless control can be achieved between laptop and machine.



1.2 One machine + Multiple PC

For this mode, multiple PC can send process tasks to machine, see below figure-3.



Figure-3 Multiple PCs share one machine

Notes: This operating mode is different from sharing printer, due to the machine cannot do process task queue, so when multiple PC shared the machine, the previous task must be finished, otherwise it will be failed.

1.3 Multiple machines + One PC

Each wireless terminal has an independent WIFI name in this mode. So user can chose any one of WIFI to control the machine. All the machines WIFI name are listed in the wireless network. User can choose connecting the related WIFI name to control the relative machine.





1.4 Configuration

(1) Configured RD-WIFI

Adjust the router to AP gear first.

Set the local IP with router A or router B or router C in a network.

Desktop computer



RD-WIFI Wireless Networking Instruction

💽 🗢 🕎 🕨 Control Panel	 Network and Inter 	net Network and Sharing Center 	· · · · · · · · · · · · · · · · · · ·	Search Control I	Panel	P
			1			(?)
Control Panel Home	View your l	basic network information and	set up connectio	ns		
Change adapter settings	d				See full map	
Change advanced sharing	L.					
settings	WIN-FAU (This c	JK6QPP58C Network 2		Internet		
	View your activ	/e networks		Connect	or disconnect	
	new your deal	- networks		connect	or disconnect	
		Network 2	Access type:	Internet		
		Work network	Connections: 🕌	Local Area Connec	tion	
					2	
	Change your n	etworking settings				
	╁ Setι	up a new connection or network				
	🥌 Set u	up a wireless, broadband, dial-up, ad hoc,	, or VPN connection;	or set up a router or	access point.	
	Con Con	nect to a network	-up or VPN petwork	connection		
	com	neer of reconnect to a wireless, wired, die	andp, of very network	connection.		
	💑 Cho	ose homegroup and sharing options				
	Acce	ess files and printers located on other net	work computers, or c	hange sharing settir	ngs.	
	Trou	black act problems				
See also	- TOU	ibleshoot problems				
	Diag	nose and repair network problems, or ge	t troubleshooting info	ormation.		
HomeGroup	Diag	nose and repair network problems, or ge	t troubleshooting info	ormation.		
HomeGroup Internet Options	Diag	nose and repair network problems, or ge	t troubleshooting info	ormation.		
HomeGroup Internet Options Windows Firewall	Diag	nose and repair network problems, or ge	t troubleshooting info	ormation.		
HomeGroup Internet Options Windows Firewall	Diag	nose and repair network problems, or ge	t troubleshooting info	ormation.		
HomeGroup Internet Options Windows Firewall	Diag	nose and repair network problems, or ge	t troubleshooting info	prmation.		
HomeGroup Internet Options Windows Firewall	Diag	nose and repair network problems, or ge and Internet > Network and Sharing Center	et troubleshooting info	Search Control Panel		
HomeGroup Internet Options Windows Firewall	Diag	nose and repair network problems, or ge and Internet Network and Sharing Center	t troubleshooting info ب ا نوب ا	ormation. Search Control Panel		
HomeGroup Internet Options Windows Firewall	ontrol Panel > Network	and Internet Network and Sharing Center	et troubleshooting info	Search Control Panel		
HomeGroup Internet Options Windows Firewall	Diag	and Internet Network and Sharing Center	et troubleshooting info	Search Control Panel		25
HomeGroup Internet Options Windows Firewall	ntrol Panel ➤ Network	and Internet Network and Sharing Center Local Area Connection Properties Networking	et troubleshooting info	Search Control Panel Internet Protocol Vers General	P P ion 4 (TCP/IPv4) Propertie	es
HomeGroup Internet Options Windows Firewall	Diag	and Internet Network and Sharing Center Local Area Connection Properties Networking Connect using:	et troubleshooting info	Search Control Panel Internet Protocol Versi General You can get IP settir this capability. Othe	P O	es
HomeGroup Internet Options Windows Firewall	Diag	and Internet Network and Sharing Center Convert basic potwork information and Connect using: Connect using: Intel(R) PRO/1000 MT Network Connect	t troubleshooting info	Search Control Panel Internet Protocol Versi General You can get IP settir this capability. Other for the appropriate I	ion 4 (TCP/IPv4) Propertie	es f your network admini
HomeGroup Internet Options Windows Firewall Control Panel Hor ral Area Connection Status ral inection (Pv4 Connectivity: Pv6 Connectivity: Pv6 Connectivity:	Diag	and Internet Network and Sharing Center and Internet Network and Sharing Center Connect connection Properties Connect using: Connect using: Intel(R) PRO/1000 MT Network Connect	et troubleshooting info	Search Control Panel Internet Protocol Versi Genera You can get IP settir this capability. Other for the appropriate I O Obtain an IP ac	ion 4 (TCP/IPv4) Propertie mys assigned automatically it wise, you need to ask your P settings. 3 Idress automatically	es F your network admini
HomeGroup Internet Options Windows Firewall Control Panel Hor cal Area Connection Status ral inection IPV4 Connectivity: IPV6 Connectivity:	Diag	and Internet Network and Sharing Center Local Area Connection Properties Networking Connect using: Intel(R) PRO/1000 MT Network Connect This connection uses the following items:	et troubleshooting info	Search Control Panel Search Control Panel Internet Protocol Versi General You can get IP settir this capability. Other for the appropriate I Obtain an IP ac © Obtain an IP ac © Use the followin	In a signed automatically it wise, you need to ask your P settings. 3 Idress automatically ng IP address:	es
HomeGroup Internet Options Windows Firewall	Diag	and Internet Network and Sharing Center Local Area Connection Properties Networking Connect using: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Market Scheduler Consect Scheduler Market Scheduler	t troubleshooting info	Search Control Panel Internet Protocol Vers General You can get IP settir this capability. Other for the appropriate 1 O Obtain an IP ac O Usa the followir IP address:	P S	es f your network s network admini 168 . 1 . 111
HomeGroup Internet Options Windows Firewall	Diag	and Internet → Network and Sharing Center and Internet → Network and Sharing Center Connect using: Connect using: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Connect using: Define for Microsoft Networks Define and Printer Sharing for Microsoft Networks Define	t troubleshooting info	Search Control Panel Internet Protocol Vers General You can get IP settir this capability. Other for the appropriate I O Obtain an IP ac O Use the followir IP address: Subnet mask:	P S	es f your network s network admini 168 . 1 . 111 255 . 255 . 0
HomeGroup Internet Options Windows Firewall Control Panel Hor cal Area Connection Status ral IPv4 Connectivity: IPv6 Connectivity: IPv6 Connectivity: Dv6 Connectivity: Dv7 atta: Dr2tails	Diag	and Internet ➤ Network and Sharing Center and Internet ➤ Network and Sharing Center and Internet ➤ Network and Sharing Center GL Connect using: Connect using: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Networks Intel(R	t troubleshooting info	Search Control Panel Internet Protocol Versi General You can get IP settir this capability. Other for the appropriate 1 Obtain an IP ac Obtain an IP ac Obtain an IP ac Obtain an IP ac Subnet mask: Default gateway:	P P	es f your network s network admini 168 . 1 . 111 255 . 255 . 0 168 . 1 . 253
HomeGroup Internet Options Windows Firewall Control Panel Hor cal Area Connection Status ral IPv4 Connectivity: IPv6 Connectivity: Dv4 Connectivity: Dv6 Connectivity: Duration: Speed: Details	Diag	and Internet ➤ Network and Sharing Center and Internet ➤ Network and Sharing Center and Internet ➤ Network and Sharing Center G Local Area Connection Properties Connect using: Connect using: Connect using: Connection uses the following items: This connection uses the following items: Connection uses the f	t troubleshooting info	Search Control Panel Internet Protocol Versi General You can get IP settir this capability. Other for the appropriate 1 Obtain an IP ac Obtain an IP ac Obtain ask: Default gateway: Obtain DNS ser	P P	es f your network s network admini 168 . 1 . 111 255 . 255 . 0 168 . 1 . 253
HomeGroup Internet Options Windows Firewall Control Panel Hor cal Area Connection Status ral meetion IPv4 Connectivity: IPv4 Co	Diag	and Internet ➤ Network and Sharing Center and Internet ➤ Network and Sharing Center and Internet ➤ Network and Sharing Center Connect using: Connect using: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Network Connect Intel(R) PR	t troubleshooting info	Search Control Panel Internet Protocol Versi General You can get IP settir this capability. Other for the appropriate I Obtain an IP ac Obtain an IP ac Obtain an IP ac Default gateway: Default gateway: Obtain DNS ser Obtain DNS	P S	es f your network s network admini 168 . 1 . 111 255 . 255 . 0 168 . 1 . 253
HomeGroup Internet Options Windows Firewall Control Panel Hor cal Area Connection Status ral nnection IPv4 Connectivity: IPv6 Connectivity	Diag	and Internet Network and Sharing Center and Internet Network and Sharing Center Connect using:	t troubleshooting info	Search Control Panel	ion 4 (TCP/IPv4) Propertie ion 4 (TCP/IPv4) Propertie ings assigned automatically it wise, you need to ask your P settings. idress automatically ing IP address: 192. : 192. : ver address automatically ng DNS server addresses: rver: 192. :	es f your network s network admini 168 . 1 . 111 255 . 255 . 0 168 . 1 . 253
HomeGroup Internet Options Windows Firewall Control Panel Hor cal Area Connection Status ral inection IPV4 Connectivity: IPV6 Connectivity	Diag	and Internet ➤ Network and Sharing Center and Internet ➤ Network and Sharing Center and Internet ➤ Network and Sharing Center Connect using: Connect using: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Connect using: Connect using: Connect uses the following items: Connection uses the following items: Connect	t troubleshooting info	Search Control Panel	P address automatically in the server address automatically in the server addresses: ver address automatically in the server addresses: ver address automatically in the server addresses: ver address automatically in the server addresses: ver address automatically in the server addresses: ver address automatically in the server addresses: ver in the server addresses: ver in the server addresses:	es Fyour network s network admini 168 . 1 . 111 255 . 255 . 0 168 . 1 . 253
HomeGroup Internet Options Windows Firewall Control Panel Hor cal Area Connection Status ral inection IPv4 Connectivity: IPv6 Connectivity	Diag	and Internet Network and Sharing Center and Internet Network and Sharing Center Connect using: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Networks Intel(R) PRO/1000 MT Network Connection Intel(R) PRO/1000 MT Networks Intel(R) PRO/1000 MT Network Connection Intel(R) PRO/1000 MT Networks Intel(R) Protocol Version 4 (TCP/IPV4 Intel(R) PRO/1000 MT Networks Intel(R) PRO	t troubleshooting info	Search Control Panel Internet Protocol Vers General You can get IP setti this capability. Other for the appropriate I Obtain an IP ac Obtain an IP ac Obtain an IP ac Obtain DNS ser O	P ettings. gradient automatically in mise, you need to ask your P settings. gradient automatically in g IP address: 192 .: 192 .: 192 .: ver address automatically ng DNS server addresses: rver: 192 .: ver: .	es Fyour network s network admini 168 . 1 . 111 255 . 255 . 0 168 . 1 . 253
HomeGroup Internet Options Windows Firewall Control Panel Hor al Area Connection Status ral nection Pv4 Connectivity: Pv6 Connectivity: Pv6 Connectivity: Speed: Dgtails vity Sent — Systes: 21,239 1 Properties @ Disable Diag	Diag	and Internet Network and Sharing Center and Internet Network and Sharing Center Connect using: Intel(R) PRO/1000 MT Network Connect This connection uses the following items: Intel(R) PRO/1000 MT Networks Intel(R) P	t troubleshooting info	Search Control Panel Internet Protocol Versi General You can get IP settir this capability. Other for the appropriate I Obtain an IP ac Obtain an IP ac Obtain DNS ser Alternate DNS ser Validate settin Validate settin	ion 4 (TCP/IPv4) Propertians ion 4 (TCP/IPv4)	es Fyour network s network admini 168 . 1 . 111 255 . 255 . 0 168 . 1 . 253 Adva

Connecting the computer and router A or router B or router C, open website: 192.168.1.253, and then enter into setup interface. Input user name and password:

User name: admin

Password: admin

Enter into the setup main interface, choose setup wizard, and see below Figure:



请点击查看 >>

RD-WIFI Wireless Networking Instruction

 运行状态 	Running state	设置向导
• 设置向导	Setup Wizard	本向导可设置上网所需的基本网络参数,诸单击 "下一步" 继续。若要详细设
+ 网络参数	Network parameters	置某项功能或参数,请点击左侧相关栏目。 This wirerd can get the basic network percenters peeded to
+ 无线设置	Wireless Settings	access the Internet, please click Next to continue. To set a
◆ DHCP服务器	DHCP server	function or parameter in detail, click the relevant column on the left.
+ 系统工具	System tools	下一步
•退出登录	Exit login	Next
更多TP-LINK产品,		

Click "next", enter into below interface, and choose AP.

Running state	设置向导 - 工作模式			
Setup Wizard	本向导页面设置无线路由器	L作模式。		
Network parameters	• AP :	接入点模式	Access Point Mode	
Wireless Settings	♥ Repeater : ○ Bridge :	甲继惧式 桥接模式	Repeater mode Bridge Mode	
DHCP server	C Client:	客户端模式	Client Mode	
System tools			上一步	下一步
Exit login			Return	Next
	Running state Setup Wizard Network parameters Wireless Settings DHCP server System tools Exit login	Running state Getup Wizard Network parameters Wireless Settings DHCP server System tools Exit login Childree Childr	Running state Setup Wizard Network parameters Wireless Settings DHCP server System tools Exit login Running state	Running state Setup Wizard Network parameters Wireless Settings DHCP server System tools Exit login Running state

Click "next", enter into below interface:

	Z Set	tup WizardWireless Settings
• 运行状态	Running state	设置向导 - 无线设置 Guide Page Setting AP Mode
・设置向导	Setup Wizard	Wireless Basic Parameters 本向导页面设置な模式无线基本参数以及无线安全 Wireless Security
• 工作模式	Work mode	SSID: Network1
+ 网络参数	Network parameters	(SSID是无线网络的名称,可以保持默认,建议修改为其他名称)
★ 无线设置	Wireless Settings	(SSID is the name of the wireless network, you can kee 无线安全选项: the default, it is recommended to change to other name
◆ DHCP服务器	DHCP server	为保障网络安全,强烈推荐开启无线安全,并使用WPA-PSK/WPA2-PSK AES加密方
★ 系统工具	System tools	x4, ∘
更多TP-LINK产品,		PSK密码: abc123456 PSK password (8-63个ASCII码字符或8-64个十六进制字符)
请点击查看 >>		● 不开启无线安全
		No Wireless Security
		上一步 下一步
		Return Next

Modify SSID to legible name, showed in your wireless network. Such as: set "Network1" or "Network2" or "Network3" (Note: Each independent wireless terminal will be assigned a unique name when leave factory)

If users need to set the connection password, the "wireless security option" is "WPA-PSK/WPA2-PSK", and then input PSK password.



When configured, restart router, all the setup be effective.

(2) Configured desk-top or laptop

Choose the WIFI name "Network1" or "Network2" or "Network3", wireless connection showed "connected", which means the computer and RD-WIFI smart module connected successfully, so user can use software through the host computer.





Section 2 Network connections via external wireless router

CONTENTS:



Configured RD-WIFI terminal



2.1 Multiple machines + One PC

Multiple machines with desk-top or laptop. The connection method can be cable or wireless.



In this mode, user has to prepare wireless router.

2.2 Configured RD-WIFI terminal

Adjust the router to AP gear first.

Set the local IP with router A or router B or router C in a network.



Control Panel 🕨	Network and Internet 🕨 Network and Sharing Center	← ← Search Control Panel
Control Panel Home	View your basic network information and s	1 set up connections
Change adapter settings	· · · · · · · · · · · · · · · · · · ·	See full map
Change advanced sharing settings	WIN-FAUK6QPP58C Network 2 (This computer)	Internet
	View your active networks	Connect or disconnect
	Network 2 Work network	Access type: Internet Connections: U Local Area Connection
	Change your networking settings	2
	Set up a new connection or network Set up a wireless, broadband, dial-up, ad hoc,	or VPN connection; or set up a router or access point.
	Connect to a network Connect or reconnect to a wireless, wired, dia	I-up, or VPN network connection.
	Choose homegroup and sharing options Access files and printers located on other net	work computers, or change sharing settings.
See also	Troubleshoot problems	* ***
HomeGroup	Diagnose and repair network problems, or get	t troubleshooting information.
Windows Firewall		
Control Panel > Netv	vork and Internet 🕨 Network and Sharing Center 🔹 🔹	Search Control Panel
Control Panel Home	-	
al Area Connection Status	Local Area Connection Properties	Internet Protocol Version 4 (TCP/IPv4) Properties
al	Networking	General
nection	Connect using:	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
ledia State: Enabled	Configure	Obtain an IP address automatically
peed: 00:01:43	Image: Second	Use the following IP address: ID address: ID address: ID address:
D <u>e</u> tails	 QoS Packet Scheduler Pile and Printer Sharing for Microsoft Networks 	Subnet mask: 255 , 255 , 255 , 0
	Internet Protocol Version 6 (TCP/IPv6) Internet Protocol Version 4 (TCP/IPv4)	Default gateway: 192 . 168 . 1 . 253
vity		Obtain DNS server address automatically
Sent — 🛄 — Received		Our of the following DNS server addresses:
lytes: 21,239 88,982 1	Install Uninstall Properties Description Transmission Control Protocol /Internet Protocol The default	Preferred DNS server: 192.168.1.253 Alternate DNS server: .
Properties	wide area network protocol that provides communication across diverse interconnected networks.	Validate settings upon exit Advanced

Connecting the computer and router A or router B or router C, input website: 192.168.1.253, fill in user name and password:

User name: admin

Password: admin

Interface will be popped-up as bellow, click setup wizard, choose "Client" mode.

RD 睿达科技

RD-WIFI Wireless Networking Instruction

•运行状态	Running state	设置向导 - 工作模式	
• 设置向导	Setup Wizard	本向导页面设置无线路由器工作模式。	
+ 网络参数	Network parameters	C AP: 接入点模式 Access Point Mode	
+ 无线设置	Wireless Settings	· Kepeater: 平地保政 Bridge Mode C Bridge: 桥接模式 Client Mode	
◆ DHCP服务器	DHCP server	Client: 客户端模式	
+ 系统工具	System tools	本模式下,有线接口作为LAN口使用,计算机只能通过有线方式连接到路由 器。本模式下DHCP服务器默认设置为自动,建议将计算机的IP地址和DMS地址	
• 退出登录	Exit login	设置为自动获取。	
更多TP-LINK产品, 请点击查看 >>	I P r f d t t s	In this mode, the wired interface is used as LAN port, and the computer can only connect to the 上一步 下一步 router by wired mode. To avoid conflict with DHCP front-end network device, the server is closed by default in this mode, if you want to log in to the router management page, you need to manually set the IP address of the computer.	1

Click "next".

·运行状态 Ru ·设置向导 S	unning state	i g					
· 设置向导 S			文面I미국	- 无线设置			
	Getup Wizard		本向	□导页面设置Cli₀	Basic parame nt模式基本参数 this guide pa	ters of Clier ge	it mode for
工作模式 N	letwork parameters	SSID of the mai:	in AP	主AP的SSID:	Network1		
· 网络参数 N	Vetwork parameters	MAC Adress	3	主AP的BSSID:	60-3A-7C-20-40-CA 例如: 0	0-1D-0F-11-22-3	13
・无线设置	Fireless Settings	SCAN		/注去下专进权-		(Select seevtype of .	the encryptic: the main AP be
DHCP服务器 D	HCP server	Key type	ł	密钥类型:	WPA-PSK/WPA2-PSK •	and ente: of the m	r the wirele <mark>ss</mark> ain AP)
· 系统工具	System tools	WEP key serial nu	umber	EP密钥序号:	1 🔹		
		Type of certifica	ation 🛉	认证类型:	开放系统 🔻		
		Key	3	密钥:	abc123456		
更多TP-LINK产品,							
请点击查看 >>						上一步	下一步
						return	next

Choose "scan", configured target router "MMM". Choose the use configured router name in the wireless list. Here take "machine control AP" as example:



RD-WIFI Wireless Networking Instruction

• 运行状态	Running state	AP列表	ę						
• 设置向导	Setup Wizard 扫描到的AP的信息如下: AP scanned information is as follows					ollows			
• 工作模式	Work Mode		AP数目: 49						
+ 网络参数	Network parameters	II	BSSID	SSID	信号强	信	加密类型	选择	
➡ 无线设置	Wireless Settings	┢	BO-D5-9D-FB-E3-		度	迴			<u> </u>
◆ DHCP服务器	DHCP server	1	AF	Network1	48 dB	6	WPA2-PSK	连接(connect
+ 系统工具	System tools	2	7C-A7-BO-5E-D5- ED	devi ce000010	45 dB	6	无加密	连接	
		3	BO-D5-9D-FB-E3- AF	360銉嶈垂WiFi-AF	44 dB	6	WPA2-PSK	连接	
更多TP-LINK产品, 请点击查看 >>		4	60-3A-7C-20-40- CA	RDACS-MAC	37 dB	11	WPA/WPA2-PSK	G车接	
		5	62-3A-7C-10-40- CA	RDACS-GUEST	37 dB	11	WPA/WPA2-PSK	G连接	
		6	38-01-46-14-1C- C5	devi ce0000009	34 dB	6	无加密	连接	
		7	30-FC-68-81-CC- 98	RDCCW	32 dB	11	WPA/WPA2-PSK	G连接	
		8	50-FA-84-B2-C9- 3D	TP-LINK_5419	30 dB	1	WPA/WPA2-PSK	G连接	
		9	48-7D-2E-C8-C8- 21	RDACS-MR1	30 dB	11	WPA/WPA2-PSK	6车接	
		10	D8-32-14-23-62- E8	漢氯□娼□嶋涓栧□缃戣胺搴 �	27 dB	1	WPA/WPA2-PSK	G连接	
		11	F0-B4-29-19-14- 94	DQA-IP	23 dB	4	WPA/WPA2-PSK	G车接	
		12	00-0C-43-76-20- A8	BC_DQA0_2.4G	23 dB	13	WPA2-PSK	连接	
	4		1						

Click "connect"

 运行状态 	Running state	设置向导 - 无线设置
• 设置向导	Setup Wizard	Basic parameters of Client mode for 本向导页面设置Client模式基本参数 this guide page
• 工作模式	Work Mode SSID -	of the main AP 主AP的SSID: Network1
+ 网络参数	Network parameters MAC /	Adress 主AP的BSSID: B0-D5-9D-FB-E3-AF 例如: 00-1D-0F-11-22-33
◆ 无线设置	Wireless Settings SCAN	N (Select the encryption (请在下方法径主¥的加密类型,并输入主¥的无线密钥)type of the main AP belo
◆ DHCP服务器	DHCP server Key t	type 密钥类型: 无加密 v and enter the wireless k
★ 系统工具	System tools WEP key	ey serial number WEP密钥序号: 1 of the main AP)
	Type of	of certification 认证类型: 开放系统 ▼
	Key	密钥: rd26066687
更多TP-LINK产品,		
请点击查看 >>		上一步 下一步
		return next

Click "Next"

	×	
• 运行状态	Running state	设置向导
• 设置向导	Setup Wizard	设置完成,单击"重启"后路由器将重启以使设置生效。
• 工作模式	Work Mode	set is complete, the router will restart after
+ 网络参数	Network parameters	clicking restart to make the setting effective.
✤ 无线设置	Wireless Settings	上一步 里后 Detump Pehoet
◆ DHCP服务器	DHCP server	Ketum Keboot
◆ 系统工具	System tools	
更多TP-LINK产品,		
请点击宣者 >>		

Client side is set successfully and Click "reboot".

Last step, Set the local IP with router "MMM" in a network.(because some router DHCP IP address not in 192.168.1.xx)



RD-WIFI Wireless Networking Instruction





Section3 Main board network setting

CONTENTS:

Network without external wireless router

Network by external wireless router

3.1 Network without external wireless router

In this mode, computer configured wireless network or module with wireless function. The wireless module IP address of host computer should be the same field to controller IP address. Such as: If the controller IP address is 192.168.1.100, user computer IP address cannot be 192.168.1.100. If there is more than one machine, different machine has different SSID name, so when one computer visits multiple machines, the controller IP address should be the same.



When visiting different machines, the computer should choose different wireless network name.

3.2 Network by external wireless router

If network by external wireless router, it is necessary to set different IP address for each connected machine. Meanwhile, there may be other network devices (computer) in this network, so the computer using a fixed IP address in network is recommended, in order to avoid connection failure for IP address conflict.

In addition, test the IP address whether be occupied:

1> "start"—"run", input "cmd.exe" in the popup dialog, and then "OK".

🖅 Run	×		
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.		
Open:	cmd 👻		
	😵 This task will be created with administrative privileges.		
	OK Cancel <u>B</u> rowse		

2> Enter command into the popup command line: ping+ be tested IP, such as "ping 192.168.1.100", if connected, the below picture will be popped up, received the respond information, that means connected successfully and this IP address already been occupied.

<pre>C:\WINDOWS\system32\cmd.exe</pre>		- 🗆 >
C:\Documents and Settings\admin	istra>ping 192.168.1.	100
Pinging 192.168.1.100 with 32 by	ytes of data:	
Reply from 192.168.1.100: bytes= Reply from 192.168.1.100: bytes= Reply from 192.168.1.100: bytes= Reply from 192.168.1.100: bytes=	=32 time<1ms TTL=64 =32 time<1ms TTL=64 =32 time<1ms TTL=64 =32 time<1ms TTL=64	
Ping statistics for 192.168.1.10 Packets: Sent = 4, Received Approximate round trip times in Minimum = Øms, Maximum = Øms	00: = 4, Lost = 0 <0% lo milli-seconds: s, Average = Oms	. <s>,</s>
C:\Documents and Settings\admini	istra>_	

If connection failed, the time-out information will be popped up, which means this IP address is not in use.





> After finished, different operations for each machine according to different IP address in machine control operation.



Thank you for your selection of our production!

All the copyright of this manual is owned by Ruida technology. Any person or company can not copy upload

and send the manual without Ruida's permission.

Content will be revised or modified. We will not send message to every users.

If there are any question or suggestion about our products and manuals, please tells us.

Tel: (086)0755-26066687

Fax: (086)0755-26982287

Adress: 2th floor, Technology Building, NO., 1057 Nanhai Avenue, Nanshan district, Shenzhen, Guangdong, China.

Website: www.rd-acs.com