

# Serial WiFi Converter

[Logout](#)

**Basic**

Advanced

Security

WiFi

WiFi Wizard

RTC

Status

## Serial Settings

Device Name:   
**Device name can be up to 16 characters.**

Data Baud Rate:  ▼

Data Bits:  ▼

Data Parity:  ▼

Stop Bits:  ▼

Flow Control:  ▼

RS485:  ▼

## Serial to Network Settings

Operation Mode:  ▼

Connection Type:  ▼

Transmit Timer (ms):   
**Please enter an integer between 10-65535.**

Server/Client Mode:  ▼

Server Listening Port:   
**Please enter an integer between 1024-65535.**

TCP Server Connections:  ▼  
**This is effective only for TCP server under Socket or VCOM mode.**

Client Destination Host Name/IP:   
**Please enter host name or IP address(e.g. google.com or 10.4.1.100).**

Client Destination Port:   
**Please enter an integer between 1024-65535.**

Client Connection Mode:  ▼

## Static IP Settings

Static IP Address:

Static Default Gateway:

Static Subnet Mask:

Static DNS Server:

## DHCP Settings

DHCP Client:  ▼

DHCP Server:  ▼

DHCP Server IP Pool Start:

DHCP Server IP Pool End:   
**Note that the end pool must be larger than start pool, and their net ID must be equal.**

DHCP Default Gateway:

DHCP Server Lease Time (minutes):

# Serial WiFi Converter

[Logout](#)

Basic

**Advanced**

Security

WiFi

WiFi Wizard

RTC

Status

## Firmware Upgrade

Image path:

 

Please specify the image file path for firmware upgrade.

## E-mail & Auto Warning Report Settings

SMTP Server Address/IP:

Please enter host name or IP address(e.g. google.com or 10.4.1.100).

Security:

SMTP Server Port:

From E-mail Address:

To E-mail Address 1:

To E-mail Address 2:

To E-mail Address 3:

Cold Start:

Authentication Failure:

Local IP Address Changed:

Password Changed:

## MODBUS Settings

Transfer Mode:

Server Port:

Response Timeout:

Available range:10~65000ms.

Inter-Frame Delay:

Available range:10~500ms.

Inter-Character Delay:

Available range:10~500ms.

## Network Backup Setting

Backup Mode:

## Restore Default and System Reboot

# Serial WiFi Converter

[Logout](#)

- Basic
- Advanced
- Security**
- WiFi
- WiFi Wizard
- RTC
- Status

## Change Username Setting

New Username:

## Change Password Setting

Old Password:

New Password:

Confirm Password:

## Change SMTP Username & Password Setting

Username:

Password:

## Google Nest Setting

Server URL/HostName:

Please enter firebase id(e.g. xxx.firebaseio.com).

## Bluemix Setting

Server HostName:

Username:

Password:

Organization ID:

Length must be 6 bytes.

Type ID:

Length must be 5 bytes.

Device ID:

Length must be 11 bytes.

API Version:

Length should be less than or equal to 12 bytes.

API Key:

Length should be less than or equal to 32 bytes.

API Token:

Length should be less than or equal to 32 bytes.

## Azure Setting

Server HostName:

HUB name:

Device ID:

Length must be 11 bytes, where is serial number.

Device Keys:

Expire Time:

Length must be 10 bytes, where is timestamp in UNIX form.

# Serial WiFi Converter

[Logout](#)

Basic

Advanced

Security

WiFi

WiFi Wizard

RTC

Status

## System Settings

Network Mode:

AP Channel:

Service Area Name/SSID:  Hide SSID:

Security Mode:

## WEP Encryption Key Settings

Key Length:

Key Index Select:

Key Index 0:

Key Index 1:

Key Index 2:

Key Index 3:

Please enter 5 ASCII codes or 10-digit hex for 64-bit key length.

## AES/TKIP Encryption Key Settings

AES/TKIP Passphrase:

Please enter a string between 8-63 digits in length.

# Serial WiFi Converter

[Logout](#)

Basic

Advanced

Security

WiFi

WiFi Wizard

RTC

Status

## Welcome to the WiFi Setup Wizard

Use site survey tool to join a WiFi AP.

ID	BSSID	SSID	TYPE	CH	SIGNAL	SECURITY
0	ae:f9:20:6e:f9:10	SETUP	Infra	11	-68	Open
1	00:0f:15:0c:c8:06	CoronaExtra	Infra	3	-86	WPA2 TKIP

Status: [Scanning...ok](#)

Scan

Next

# Serial WiFi Converter

[Logout](#)

Basic

Advanced

Security

WiFi

WiFi Wizard

**RTC**

Status

## RTC Settings

RTC Time Setup:  Manual  NTP Server

Daylight Saving Time:

**Note that the daylight saving time is supported only in NTP server mode.**

## Date&Time Settings

Date:  /  /

**Please enter the year between 2000~2099, the month between 1~12, and the date between 1~31.**

Time:  /  /

**Please enter the hour between 0~23, the minute between 0~59, and the second between 0~59.**

**Note that the date and time are allowed to modify in manual mode.**

## SNTP Client Settings

Time Zone:

NTP Server HostName/IP 1:

NTP Server HostName/IP 2:

NTP Server HostName/IP 3:

Save

Apply

Cancel

# Serial WiFi Converter

[Logout](#)

**Basic**

**Advanced**

**Security**

**WiFi**

**WiFi Wizard**

**RTC**

**Status**

## System Status

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Device Name:	DSM1
Device IP Address:	192.168.0.3
Firmware Version:	0.7.4.0103(Single)
WiFi MAC address(Hex):	0x000ec64003fe
Modem Status(Hex):	0x00
Protocol Type:	TCP
Connection Status:	Idle
Serial Port TX Count(Byte):	0
Serial Port RX Count(Byte):	0
Current Temperature(°C):	0.00
Current Relative Humidity(%):	0.00
Current Date:	0/0/0 Sunday
Current Time:	0:0:9
Image File Name:	ota_r2w_v0740103_20170427.bin
Cloud Connection Status:	No cloud service

RefreshStart

RefreshStop