

# RS-WS-WIFI-6 series WIFI temperature and humidity transmitter User manual

Document version: V3.1

1









# table of Contents

1. product description
1.1 Features
1.2 Technical Parameters4
2. product model错误!未定义书签。
3. Panel and configuration instructions7
3.1 Panel description7
3.2 Configuration instructions
4. Equipment installation instructions8
4.1Check before equipment installation
4.2.Dimensions
4.3Interface Description
4.4Installation Notes
5. Configuration software instructions10
5.1 Configuration software use attention10
5.2 Reading and configuration of operating parameters12
5.3 Read and configure WIFI network parameters
5.4 Quickly access equipment to the monitoring platform of the intranet17
5.5Quick access to cloud platforms17
6. System menu and settings18
6.1 Key function description
6.2 Introduction to key operation
7. Access monitoring platform
8. Contact information错误!未定义书签。
9. Document history错误!未定义书签。



# 1. product description

RS-WS-WIFI-6 series is an industrial temperature and humidity transmitter for WIFI wireless data transmission. It can collect temperature and humidity data and upload it to the server through WIFI. This series of products make full use of the established WIFI communication network to realize data collection and transmission, and achieve the purpose of centralized monitoring of temperature and humidity data. Can greatly reduce the amount of construction, improve construction efficiency and maintenance costs.

The product uses a large-screen LCD display, with dual control of temperature and humidity upper and lower limits, freely set limits, temperature and humidity calibration by password, and integrated alarm module (buzzer or relay), which can realize high and low temperature alarm and Low humidity alarm. The product adopts the original high-quality temperature and humidity measurement unit imported from Switzerland, which has the characteristics of high measurement accuracy and strong anti-interference ability, which ensures the excellent measurement performance of the product.

This series of products are widely used in computer room monitoring system, power monitoring system, security engineering, medical and health monitoring, energy consumption monitoring system, smart home and other fields.

#### **1.1 Features**

1. Original high-quality temperature and humidity measurement unit imported from Switzerland, the probe can be external, and the probe line can be up to 30 meters in length

2. Upload data through WIFI, support intra-LAN communication, cross-gateway WAN communication, support secondary development

3. Support dynamic domain name resolution DNS

4. Equipment parameters are configured through 485, which is simple and convenient

5. Temperature and humidity acquisition frequency 2S / time, data upload frequency 1S  $\sim$  10000S / time can be set

6.Built-in alarm function, which can set the upper and lower limits of the alarm and the return difference.

7. With 2 channels of normally open contacts, can be associated with any alarm output (optional)8.Built-in one buzzer, external sound and light alarm (optional)

9. Access to free local monitoring software platform and environmental monitoring cloud platform

(www.0531yun.cn) and YY version of cloud platform (yy.0531yun.cn)  $\,$ 

10. The equipment is suitable for DC10  $\sim$  30V wide voltage power supply

# **1.2 Technical Parameters**



powered by		10~30V DC
Power consumption		0.7W
Communication	S	Standard WIFI wireless (2.4GHZ)
Interface		
IP address	Suppor acquisition, cro	t static IP address, automatic IP address oss-gateway, domain name resolution, and WAN connection
WIFI communication parameters	Supp	orts 802.11b / g / n wireless standards
WIFI encryption performance	Suppo	rt support WPA / WPA2 security mode
A quasi accuracy	Humidity	Humidity $\pm$ 2% RH (5% RH $\sim$ 95%
	± 2% RH (5%	RH, 25 °C)
	RH ~ 95% RH,	
	25 °C)	
	Temperatu	Temperature $\pm 0.4$ °C (25 °C)
	$re \pm 0.4$ °C	
	(25 °C)	
	Humidity	Humidity ± 3% RH (5% RH ~ 95%
B quasi accuracy	+ 3% RH (5%	RH 25  C
D quasi accuracy	$2.5\%$ RH $\sim 95\%$ RH	1(1, 25 °C)
	25 °C)	
	Tomporatu	Tomporature $\pm 0.5 ^{\circ}\text{C}$ (25 $^{\circ}\text{C}$ )
		Temperature $\pm 0.5$ C (25 C)
	$10 \pm 0.5$ °C	
	(25 °C)	
(default)	-20	°C ~ + 60 °C , 0% RH ~ 80% RH
	-40 °C	$C \sim + 120$ °C, default -40 °C $\sim + 80$ °C
Transmitter circuit		0% RH-100% RH
operating temperature		
Probe working		0.1 °C
Probe working humidity		0.1% RH
Temperature display		
resolution		1s
Humidity display	Humidity	Humidity ≤1% RH / y
resolution	$\leq 1\%$ RH / y	
Temperature and	Temperatu	Temperature $\leq 0.1  ^{\circ}\text{C}$ / y



humidity refresh time	re ≤0.1 °C / y		
Long-term stability	Humidity	Humidity ≤8s (1m / s wind speed)	
	≤8s (1m / s		
	wind speed)		
	Temperatu	Temperature $\leq 25s (1m / s wind)$	
	re ≤25s (1m / s	speed)	
	wind speed)		
Response time	Default 20S / time, 1S ~ 10000S can be set		
	Recording period can be set from 1 minute to 24 hours,		
	recording capacity: 65000 groups		

# 2. Product selection

RS-					Company code
	WS-				Temperature and humidity transmission,
					sensor
		WIFI-			WIFI type
			6-		Large LCD case
			6J-		Large LCD case (no relay output)
			DC-6-		Large LCD case with built-in battery type
					(no relay output)
				4-	Built-in hardcover probe
				5-	External hardcover probe
				6-	External waterproof probe
				B-	External wide temperature probe



# **3.** Panel and configuration instructions

# 3.1 Panel description



# 3.2 Configuration instructions



1. Connect the sound and light alarm or other alarm equipment as required (this step is not

required);

2. Connect USB to 485 to the computer, power on the device, and configure the device;

3. After configuration, USB to 485 will be unplugged;

4. After the device is powered off and restarted, the data can be uploaded to the monitoring

platform in the LAN or WAN.

# 4. Equipment installation instructions

# 4.1Check before equipment installation

1 temperature and humidity transmitter equipment

2.12V / 1A waterproof power supply 1

3.USB to 485

4. Certificate of conformity, warranty card, calibration report, etc.

5. 1 pair of wall mount buckles, 2 expansion plugs, 2 self-tapping screws, 2 countersunk screws

6. Sound and light alarm (optional)





# 4.3Interface Description



Serial	Description	Serial	Description
number		number	
1	Power supply $(10 \sim 30 \text{V DC})$	5	485-A (configuration A
			line)
2	Negative power	6	485-B (configuration B
			line)
3	Normally open point of the first	7	Normally open point of the
4	relay (optional)	8	second relay (optional)



#### Special Note:

- 1) Power can be supplied from the power jack or screw-free terminals.
- 2) The two relays are normally open contact outputs, which can be associated with any alarm item.

For details, please refer to the button setting section of the manual.

# 4.4Installation Notes

In order to facilitate on-site construction, our company provides two equipment installation methods:

1) Hoist hole installation

Note: The self-tapping and expansion screws are driven into the fixed position on the wall, and the wall-hung method is connected to the hoist hole.



#### 2) Wall mount buckle installation

Note: One side of the hook is mounted on the wall with countersunk screws, the other side is mounted on the device with screws, and then the two parts can be hung together.



# 5. Configuration software instructions

### 5.1 Configuration software instructions

 Before using RS-WS-WIFI-6 series configuration software, make sure that the device is connected to the computer via USB to 485 and powered on; after opening the software, select and open the serial port to put the device into configuration mode; generally, follow the parameters to read first- -"Modify-" the principle of saving; after all the parameters are configured, click the "Enter Work Mode" button, and the device will automatically enter the work mode.



2)

RS-WS-WIFI-6 series temperature and humidity transmitter instructions V3.1



Open the software.

RS_WIFILCD_CON V3.3	
Read network parameters	Basic parameters
etwork Parameters	Elininate
Target network parameters Destination Port:	Device Not Connect
IP(Domain Name):	Connect Enter working mode
VIFI Router SSID Parameters Destination Router SSID: Destination Router Passwork:	Device parameters Read Parameters Download Parameters
VIFI-WAN Parameters	Terminal address:         00000001~99999999           Log in frame interval:         S (1~60000S)
IP Acquisition Method:	Heartbeat frame interval: S (1~60000S) Active up frame interval: S (1~60000S)
Subnet Mask:	Upper limit Lower limit Return differ Deviation
	Hum: Hum: Hum: Hum: Hum: Hum: Hum: Hum:
	Upper Hum alarm enable Data recording interval(min) Data recording mode
MAC Address: Read	Active upload of storage data

2) Select the serial port number and open the serial port

erial port:	COM1 COM1	-	Open serial port	
State: Device Not	COM2 COM3 COM4 COM5 COM6 COM7 COM8	8	Eliminate	
J	COM9	-		

The serial port number should select the serial port provided by the USB conversion module provided here, which can be viewed in the device manager. The specific steps are: right-click "My Computer" and select "Manage", then select "Device Manager" to find "Port", confirm the serial port number.



- 🗉 🥝 DVD/CD-ROM 驱动器 ∃ 🗃 IDE ATA/ATAPI 控制器 豆 — ● IEEE 1394 总线主控制器 ● ■ PCMCIA 卡 ● ← SCSI和 RAID 控制器 ● ● Secure Digital host controllers 🗉 🌨 处理器 🍛 磁盘驱动器 田 🥘 电池 日 📜 调制解调器 ∮端口 (COM 和 LPT) 🍠 USB-SERIAL CH340 (COM1) 计管机 🗉 🧕 监视器 🍉 键盘 🗉 💩 人体学输入设备 ■ 🥑 声音、视频和游戏控制器 ○ 鼠标和其它指针设备
   ◆ 通用串行总线控制器 飅 网络适配器
- 3) Click the "Connect Device" button. If the device is successfully connected, the normal connection status of the device will be displayed in the status bar as shown. The first line indicates whether the device is connected to the configuration software; the second line indicates whether the device is ready; the third line indicates that the device is in configuration mode.

· · · · ·		
State:	Eliminate	
Device Not Connect		

#### Device working mode description:

Configuration mode: When you click to enter configuration mode, the device will pop up to enter configuration mode. In the configuration mode, you can configure the device operating parameters and network parameters.

Read network parameters Download Network Param	eters Basic parameters Serial port:	L port
Network Parameters	State: Eliminat	e
Target network parameters Destination Port:	Device Not Connect	
VIFI Router SSID Parameters	Connect	Enter working mode
Destination Router SSID:	Device parameters Read Parameters	Download Parameters
	Terminal address:	0000001~99999999
WIFI-WAN Parameters	Log in frame interval:	S (1~60000S)
TD 4 1 1 1 04-42 TD	Heartbeat frame interval:	S (1~60000S)

#### 5.2 Reading and configuration of operating parameters

1) After the device successfully enters the configuration mode, you can click the "Read Operation



Parameters" button to read the operation parameters, and click "Configure Operation Parameters" to download and store the operation parameters.

Terminal address:  12345678	00000001~99999999
Log in frame interval: 5	S (1~60000S)
eartbeat frame interval: 60	S (1~60000S)
ctive up frame interval: 5	S (1~60000S)
Upper limit Lower limit	Return differ Deviation
Tem: 100 0.0	0.0
Hum: 100 0.0	0.0
Upper Tem alarm enable 🔲	Lower Tem alarm enable 🥅
Upper Hum alarm enable 🔲	Lower Hum alarm enable 🕅

Terminal address: It is the unique address of the device. The software monitoring platform distinguishes different devices based on this address.

Login frame interval time: The interval between login frames sent by the device during registration. The default is 5S, and users do not need to modify it.

Heartbeat packet interval: If there is no data on the link, the device maintains the link link time, that is, the device sends a heartbeat packet every interval. The default interval is 60S, and users do not need to modify it.

Active frame sending interval: The time interval for the device to actively send data. This time is the temperature and humidity update time. If the user has higher requirements for temperature and humidity time, this time can be set short. If the user wants to reduce For network load, you can set this time to a long time. The time range is  $1 \sim 10000$ S, but it should be less than the heartbeat packet interval time. Generally, it can be set to 10.

Upper temperature limit and upper humidity limit: It is the upper limit of the temperature alarm and the upper limit of the humidity alarm of the device.

Lower temperature limit and lower humidity limit: It is the lower limit of temperature alarm and lower limit of humidity of the device.

Temperature hysteresis and humidity hysteresis: Hysteresis for temperature and humidity control when the device is used as a controller.

Temperature deviation and humidity deviation: It is used to adjust the temperature and



humidity value for the equipment on site.

Enable temperature upper limit alarm, temperature lower limit alarm enable, humidity upper limit alarm enable, humidity lower limit alarm enable: enable or disable the corresponding upper limit alarm function.

The above temperature upper and lower limits can be used as alarms. When the temperature and humidity exceed the limit, the device alarm indicator will flash, and the built-in buzzer will continue to alarm. The temperature and humidity return difference is used as a control to achieve temperature and humidity return difference control.

Device data recording interval: The device can be built-in storage. This parameter is the recording interval of the data stored in the device. The setting range is from 1 to 10,000 minutes.

Data recording mode: "Do not store" is to turn off the storage function; "Automatic storage" is to automatically store when the device is disconnected from the software platform, the device stops storing after connecting to the software platform, and automatically uploads the data to ensure that the data is permanently No loss; "Continuous storage" means that the device will always store data at the storage interval regardless of whether the software platform is connected.

Active upload of data stored in the device: If checked, the device first uploads the data stored in the device after connecting to the software platform. If not checked, the data stored in the device is waiting for the software platform to call for testing.

#### 5.3 WIFI network parameter reading and configuration

1) Click the "Read Network Parameters" button to upload the device network parameters. If the prompt fails to read the network parameters, check whether the device is powered on and whether the configuration port wiring is correct. You can restart the device and enter the configuration mode again to read the network parameters.



ιαιχοι ποιγνικ μαιαμο	eters
Destination Port:	2404
IP(Domain Name):	192.168.2.44
WIFI Router SSID Para	ameters
Destination Router	r SSID: RKMCU
estination Router Pa	sswork: 160160160
WIFI-WAN Parameters-	
	d: Static IP 💌
IP Acquisition Method	
IP Acquisition Method Local IF	·: 192 .168 . 2 . 55
IP Acquisition Methoo Local IF Subnet Mask	192.168.2.55       255.255.255.0

#### 2) Network target parameter configuration

Target port: The target port of the temperature and humidity monitoring platform to which the RS-WS-WIFI-6 device is connected should be the same as the monitoring port started by the temperature and humidity monitoring platform. The default monitoring port of our software platform is 2404, and the cloud platform monitoring port For 8020.

Target IP (domain name): The IP address or domain name of the computer or server where the monitoring platform is located. If both the device and the monitoring platform are in a local area network, the target address can fill in the IP address of the computer of the monitoring platform. If the device uploads data to our cloud platform, the target address should be 182.92.194.239 or www.0531yun.cn, and upload the YY version of the cloud platform target address to yy.0531yun.cn.

#### 3) SSID parameters of WIFI target router

Target router SSID: The identifier of the WIFI router network to which the RS-WS-WIFI-6 series equipment is connected. Here we take the TP-LINK router as an example: enter the configuration interface of the WIFI router through the web page, which is generally in the "running state" You can see the SSID number under the label. Fill in the content of the label into the SSID number of the target router.



TP-LINK	150M无线速率,11N技术,无线生活新选择
• 运行状态	が版本信息
• 设置向导	
◆ QSS安全设置	当前软件版本: 4.18.29 Build 110909 Rel.35946n
+ 网络参数	
+ 无线设置	LAN口状态
+ DHCP服务器	MAC 地址: EC-17-2F-66-54-18
+ 转发规则	IPH绝址: 192.168.1.1
<ul> <li>+ 安全设置</li> </ul>	子网種码: 255.255.0
+ 路由功能	无线状态
• IP带宽控制	天线功能: 自用
◆ IP与MAC绑定	SSID号: FAST_TFLINK_702
• =+ # mag	信道: 自动(当前信道1)
* AUSTRA	模 式: 11bgn mixed
+ 系统工具	频段带宽: 自动
	MAC 地址: EC-17-2F-66-54-18

SSID number lookup in wireless router



Device target router SSDI number setting

**Target router login password:** This device supports WPA / WPA2 security methods, and the encryption type supports WEP / TKIP / AET encryption algorithms.

安全设置	
<b>ド页面设置路由器无线</b>	网络的安全认证选项。
C全提示:为保障网络 SK/WPA2-PSK AKStnix	行安全,强烈推荐开启安全设置,开使用WPA- T合注
SKI WINZ ISK RESULT	1014*
◎ 不开启无线安全	
WPA-PSK/WPA2-PS	sk
人证类型:	自动  ▼
加密算法:	AES V
SK密码:	
	(8-63个ASCII码字符或8-64个十六进制字符)
且密钥更新周期:	86400
	(单位为秒,最小值为30,不更新则为0)
WPA/WPA2	
人证类型:	自动 🔻
m密算法:	自动 🔹
Radius服务器IP:	
ladius端口:	1812 (1-65535,0表示默认端口: 1812)
(adius密码:	
且密钥更新周期:	86400

#### 4) WIFI-WAN port parameters

The WAN port parameters of the device are the local network parameters of the device.



IP Acquisition Method:	Stat	ic IP			•
Local IP:	192	.168	•	2	 55
Subnet Mask:	255	. 255	6	255	 0
Gateway Address:	192	.168		2	0

#### **Device local IP settings**

**IP acquisition method:** If you select "Static IP, the static IP address, subnet mask, and gateway address of the device must be manually configured; if you select the dynamic IP allocation function, you only need to set the" Dynamic IP acquisition "mode. The device will automatically obtain an IP address from the upper-level network device.

**Local IP, subnet mask, gateway address:** When the IP acquisition method is set to "StaticIP", you need to set it manually.

# **5.4**Quickly access equipment to the monitoring platform of the intranet

First complete the preparations for 5.1, set the computer to a static IP, close the windows firewall, and then open the configuration

#### software.

Read network parameters Download Network Parameters	Serial port: 00#5   Open serial port	n the serial port
twork Parameters 4. Change to 2404 and	State:	
Farget network parameters	Device Not Connect	
Destination Port: 2404		
TP/0-mails News/ 192 168 2 44	2	8
IF (Dowald wake)	Cornect	Enter working node
IFI Router SSID Parameters		
	Device parameters	7
Destination Router SSID: MKMCU	Read Farameters Dot	mload Parameters
estination Router Passwork: 160160160	12345678	0000001~99999999
5. Change the username	Teranar address i	
IFI-WAR Parameters and password for	Log in frame interval: 5	S (1~60000S)
P tomitatitan Vethods Static TP	Heartbeat frame interval: 60	S (1~60000S)
	Active up frame interval: 5	S (1~60000S)
Local IP: 192.168.2.55 6. Set to get IP Subnet Mask: 255.255.255.0 statically	Upper limit Lower limit Return d	iffer Deviation
Gateway Address: 192 .168 . 2 . 0	Tes: 100 0.0 0.0	0.0
	Hum 100 0.0 00	0.0
	These Texts and the Contract of the	7
	upper ies alars enable   Lover	ica alara enable
	Upper Hum alarm enable   Lower	Hum alarm enable
	Data recording interval(min) 30 Data	recording mode
MAC Address: Read	fotive unload of storage data	r Save 🔻

After configuration, click to enter working mode. See the operating instructions of the monitoring software for details

#### 5.5Quick access to cloud platforms

Known conditions: The device needs to be connected to the cloud platform, and the cloud platform account password has been assigned by the sales staff in advance. Open the configuration



software according to the requirements of this document 5.1

Read network parameters Download Network Parameters	Serial port: 00#5  Open serial port
twork Parameters 4. Change to 2404 and 4 computer's static IP	State: Eliminate
Target network parameters	Device Not Connect
Destination Port: 2404	
TP(Donato Nama) . [192.168.2.44	0 0
ar dowain water.	Connect Enter working node
WIFI Router SSID Parameters	
	Device parameters
Destination Router SSID: REMCU	Read Parameters Download Parameters
Destination Router Passwork: 160160160	
	Terminal address: 12345678 00000001~99999999
5. Change the username	Log in frame interval: 5 S (1~60000S)
wireless WiFi	
IP Acquisition Method: Static IP 💽 🧕 🧕	Heartbeat frame interval: <sup>60</sup> S (1 60000S)
Local IP: 192 168 2 55 6 Set to get IP	Active up frame interval: 5 S (1"60000S)
Subset Vackt 255 255 265 0 statically	Unper limit Lower limit Return differ Deviation
Gateway Address:   192 .105 . 2 . 0	Tes: 100  0.0  0.0  0.0
	Hun: 100 0.0 0.0
	Upper Tea alarm enable 🔽 Lower Tea alarm enable 🔽
	Upper Hum alarm enable 🔽 Lower Hum alarm enable 🗌
	Data recording interval (ain) 30 Data recording mode
	and and an and an and an and and and

After configuration, click to enter working mode.

# 6. System menu and settings

# 6.1 Key function description

button	Feat	Description	Button operation
	ures		Button operation
			mode
	Clear	•Exit operation during parameter setting	dog
<u>_</u>	key		
	retur	•Return to the main menu when setting or	dog
	n key	viewing the interface	
	Incre	• Page forward button when viewing menu	dog
	ase key		
	Page	• Page forward button when viewing menu	dog
<b>T</b>	forward		
	turn	•Shortcut key to open the alarm in the main	Press
	on	interface	
	Page	• Page forward button when viewing menu	dog
×.	backward		
	Decr	•Data reduction key when parameter is	dog
	ease key	modified	
	shut	•Shortcut key to turn off the alarm on the	Press
	down	main interface	
	men	•Enter the menu selection key of the setting	dog
	u	interface	
	Shift	•Shift key during parameter modification	dog



RS-WS-WIFL6 umidity t w V3 1 . d h ..... r instructio oti 4

建大仁科		KS-wS-wIFI-6 series temperature a	ind numidity	transmitter instruc	tions v 5.1
OK	key				
UN	Enter	•Confirmation key after parameter		Pre	ess
		modification is completed			
6.2 Intr	oduction	to key operation			
1) dog 0	K Enter pass	sword input interface, short press	<b>, ,</b>	OK Can enter	password
(default pa	ssword 888)	, long press again after input "OK"	Key to en	ter the setting n	nain menu
after 3s. If	the password	d is wrong, it will return to the main me	enu.		
2) After e	ntering the so	etting main menu, you can press	r Page	e forward and ba	ckward,
short press	Enter th	e parameter setting interface.			
3)dog	V OK	Parameter can be modified, long pres	ss after para	ameter modifica	tion OK,
The param	eter flashes a	utomatically for 3s.			
4) Setup p	process Press	You can discard this setting and p	oress again	Sack to the	main
interface.					
Show iten	ns		Feature	Scope and	defa
			s	description	ult
			passwo rd	0~999	888
		密码			
88	18				

19



校准		Temper ature calibrat ion value	-100~+100	0
校准	<b>6000</b> % <b>1</b>	Humidi ty calibrat ion value	-100~+100	0
上限		High temper ature alarm value	-100~+199	100







@差 ■ 正	Temper ature alarm return differen ce	0~120	0
回差	Humidi ty alarm return differen ce	0~100	0
16: 49: 05 🔎 🎟	Time	hour minute second	



RS-WS-WIFI-6 series temperature and humidity transmitter instructions V3.1

12-12-13 🔎 💷	time	year month day	
	High temper ature associat ed relay number	1 ~ 2 1: This alarm item is associated with the first relay 2: This alarm item is associated with the second relay When the temperature exceeds the upper limit, the relay associated with the upper	1
下限	Low temper ature limit associat ed relay number	1 $\sim$ 2 1: This alarm item is associated with the first relay 2: This alarm item is associated with the second relay When the temperature is	1



		below the lower limit, the relay associated with the lower limit is closed	
上限	H umidity limit associat ed relay number	1 ~ 2 1: This alarm item is associated with the first relay 2: This alarm item is associated with the second relay When the	1
		humidity exceeds the upper limit, the relay associated with the upper limit is closed	
下限	Lower Humidi ty Associa ted Relay Numbe r	<ul> <li>1 ~ 2</li> <li>1: This alarm</li> <li>item is</li> <li>associated</li> <li>with the first</li> <li>relay</li> <li>2: This alarm</li> <li>item is</li> <li>associated</li> <li>with the</li> <li>second relay</li> <li>When the</li> </ul>	1
		humidity is below the lower limit, the relay associated with the lower limit is closed	



上限		High temper ature alarm enable	0 ~ 1 0: Disabled 1: represents enable	1
下限	ELE (	Low temper ature alarm enable	0 ~ 1 0: Disabled 1: represents enable	1
上限		Humidi ty upper limit alarm enable	0~ 1 0: Disabled 1: represents enable	1



下限 下限	Humidi ty lower limit alarm enable	0 ~ 1 0: Disabled 1: represents enable	1
	Alarm	0-1999	2
338 500 •	storage interval setting	minutes	minu tes
nte 030 ^	Normal storage interval setting	0 ~ 1999 minutes	30 minu tes



630 3	Storage mode setting	<pre>1 ~ 3 1: represents closed 2: represents open 3: stands for automatic</pre>	3 (Stor ed only when com muni catio n is disco
	Whethe r stored data is enabled for active upload	0 ~ 1 0: Does not open 1: On	nnect ed) 0
	Clear stored data	0 ~ 1 Set to 1 to clear stored data	0



# 7. Access monitoring platform

RS-WS-WIFI-6 series temperature and humidity transmitter can be connected to our company's 2 platforms:

Comparison of two software platforms: "■"Delegate has this function; "□"No such function;

Features	Software platform name	
	RS-RJ-KPeopleSoft	Environmental monitoring
	Environmental Monitoring	cloud platform
	Platform	
Temperature and humidity data		
background real-time monitoring		
Temperature and humidity data		
web real-time monitoring		
Upper and lower temperature and		
humidity settings		
Real-time alarm on monitoring		
interface		
Mail alarm		
SMS alert	$\blacksquare (Need to cooperate with$	
	our SMS cat)	
WEB front-end export historical		
data and alarm data		
Customize the unit, name and		
coefficient of monitoring data		
Equipment sub-authority		
management		
Resume data in storage device		
Provide software upgrade		
services		
Customer-built server	Requires customer's own	No need to build any server
	server	



**Platform 1:** RS-RJ-K software platform. This platform is deployed on the client's computer or server, and the device uploads data to the platform through the WIFI wireless network. For the introduction of specific RS-RJ-K software platform, please refer to the "RS-RJ-K Renke Environmental Monitoring Platform Instruction"



随时随地可通过电脑、手机、PAD查看数据



**Platform 2:** Environmental monitoring cloud platform. If the RS-WS-WIFI-6 series temperature and humidity transmitter sends data to the company's cloud monitoring platform, customers do not need to build their own servers, they only need to connect the device to the on-site WIFI network and configure the local network parameters.





# 8. Contact

Shandong Renke Control Technology Co., Ltd.

Address: 2 / F, East Block, Building 8, Shun Tai Plaza, High-tech Zone, Jinan City,

Shandong Province

Post code: 250101

Phone: 400-085-5807

Website: www.renkeer.com

Cloud platform address: <u>en.0531yun.cn</u> Or: <u>eniot.0531yun.cn</u>

Web QR:





Android

# 9. Document history

- V1.0 document creation
- V2.0 documentation update
- V3.0 update selection, relay selection
- V3.1 Menu interface increases alarm recording interval