

Made by Ginlong Technologies 🗸

Data Logger Wifi Stick Quick User Guide

Ginlong-DLS Version: 1.4-US



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Delivery Content 1 pc WiFi

1 pc Data Logger Wifi Stick Quick User Guide

Introduction

Data Logger Wifi Stick is mainly used in Solis inverters to realize simple and quick access to Internet. Users can easily check device information by logging in the monitoring center (www.ginlongmonitoring.com). The communication topology is as shown below:





Description of Symbols

To ensure normal use of the device, before using the device, be sure that:

a. The connected wireless router can normally access to Internet; b. The communication address of the inverter MUST BE "01", which is default value.

c. A WiFi-enabled mobile phone or a laptop computer are connected to this device for parameter setting.

Electrical Connection

Connect WiFi to the corresponding interface on the inverter. Solis-5K-2G-US is used as an example in this manual. Please perform relevant operations as indicated below:





Data Logger Wifi Stick Interface

Data Logger WiFi Stick Installation 1. Insert WiFI Stick to COM port. 2. Fasten the WiFi Stick.



I NOTES

The device must be kept away from large metal objects and electrical devices with strong magnetic fields, such as microwave oven, refrigerator, cordless phone, concrete wall, PV panel and metal wall, to ensure the communication guality. Communication quality may be affected in lightning storms.

Z Parameter Setting

2.1 Setting up WiFi connection with iphone The WiFi Stick will perform self-check for 30 seconds after power-up. Wait for 30 seconds and then set up wireless network connection to WiFi via a smart phone, iPad or laptop computer with wireless network adapter or WiFi function, iPhone 5S mobile phone will be used as an example as follows.

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	Bettings	Contingo WLAN
	📴 Airplane Made	WLAN OFF
	WLAN Not Connected	Longitus accuracy is impressed when WLUN is familied on.
	Bluetooth On >	
	Colular No SM >	
	Notifications	
	Control Center	
	🕒 Do Not Disturb	
	🕼 General 💶 🔅	
	Display & Brightmass	
Click Setting	Select WLAN to enable the Wi-Fi function	Start WLAN to search wireless networks

5.see at at 100.000

Cettings WLAN

AP_611490333

WLAN

Other...

Ask to Join Networks



Click to connect WiFi



If a tick appears, it indicates the connection is successful

2.2 Connection via WiFi with PC

_____, Notice: The setting hereinafter is operated with Windows 7 for reference only. If other operating systems are used. please follow the corresponding procedures. -----/

1. Prepare a computer or device, e.g. tablet PC and smartphone, that enables WiFi. 2. Obtain an IP address automatically

Open Wireless Network Connection Properties. double click Internet Protocol Version 4(TCP/IPv4).

Loca	Area Connection Properties
Netwo	king
Conn	act using:
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2	Intel(R) PR0/1000 MT Network Connection
	Configure
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 Link-Layer Topology Discovery Responder 	 Link-Layer Topology Discovery Mapper I/O Driver 					
	🗹 🔺 Link-Layer T	opology Discovery Res	ponder			

macdic	<u>Oninsidi</u>	1 Toberges
Description		
Transmission Cor wide area networ across diverse in	trol Protocol/Internet Pro k protocol that provides terconnected networks.	xtocol. The defau communication

verse interconnected net	WOIKS.	
	·	
	OK	Cancel

(2) Select Obtain an IP address automatically, and click OK.



Connection		
IPv4 Connectivity		Internet
IPv6 Connectivity	1	No Internet access
Media State:		Enabled
Duration:		16:53:40
Speed:		1.0 Gbps
Decais		
Activity		
Activity	Sent —	Received
Activity	Sent	— Received 24,617,122

(2) Select wireless network of the data logging module, no passwords required as default. The network name consists of AP and the serial number of the product. Then click Connect.

ME_201000411	+553J	*
HF-LPB100	-11	
Reco_56785678	-11	
AP_SAMILPOWER	-11	
Reco_12481248	all	
belkin.e16	at l	
AP_611490333	lte-	
Connect automatically	Connect	1
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③ Connection successful.

Currently connected to:	47
yingzhendlink Internet access	
Wireless Network Connection	^
AP_611490333 Connected	.ul

2.3 Set parameters of data logger

(a) Open a web browser, and enter 10.10.100.254, then fill in username and password, both of which are admin as default.

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н.,	Supported browsers: Internet Explorer 8+, Google	ł
	Observe dEL Einstein dOL	1
£	Chrome 15+, Firelox 10+	ī



0	A username and password are being requested by http://10.101.00.254. The site says: "GoAhead"	
User Name:	admin admin	
Password:	••••• admin	

- (b) In the configuration interface of data logger, you can view general information of the data logger
- Follow the setup wizard to start quick setting.

(1) Click Wizard to start.

	Device information	
	Device serial number	611490333
Status	Firmware version S-V	V01 V2.0.4A(ginlong)
Wizard	Wireless AP mode	Enable
Wireless	SSID	AP_611490333
Cable	IP address	10.10.100.254
Advanced	MAC address	AC:CF:23:10:F3:5B
Account	Wireless STA mode	Disable
Update	Router SSID	
Restart	Signal Quality	,
Reset	IP address	
	MAC address	
	Cable mode	Enable
	IP address	0.0.0.0
	MAC address	AC:CF:23:10:F3:5B
	✓ Remote server inform	ation

(2) Click Start to continue.

	Dear user:							
tatus								
Vizard								
Vireless	Thank you for choosing our device.							
able	Next, you can follow the setup wizard to							
dvanced	complete the network setting step by step; or you can select the left menu for detailed							
ccount	setting.							
pdate	+ Note: Refere setting places make sure that your							
lestart	wireless or cable network is working.							
leset								
	Start							
	1 2 3 4 5 6							

3 Select Wireless connection, and click Next.	Select the wireless network you need to connect, then click Next.	Enter the password for the selected network, then click Next.	If setting is successful, the following page will display. Click OK to restart.	3 Register on Ginlongmonitoring Open a web browser and visit the Ginlongmonitoring	 Fill in the information as required, then click Complete. Create a New Account 	Log in Ginlongmonitoring website to manage power station
Status Network connection: Wizard Wireless Cable OWireless connection	Notice: If the signal strength (RSSI) of the selected network is <30%, which means unstable connection, please adjust the antenna of the	Status Wizard Wireless	Status Setting complete! Wizard Wireless	Supported browsers: Internet Explore 8+, Google Chrome 10+, Firefox 9+, Safari 4+	Type Of Site PV Power Plant Site Name 'Maximum 20 Letters Upload Image Default.jpg Recommanded image size: 300px × 220px	After successful registration, open the login page of Ginlongmonitoring and input your E-mail and password to access the monitoring system and start monitoring and management of power plants.
Advanced Cable connection Wireless Enabled - Account Update Restart Back Next	router, or use a repeater to enhance the signal.	Cable Advanced Password(8-64 bytes) Account (Note: case sensitive) Update Re-enter password Restart Show Password	Cable CiteX UN, the settings will take effect and the system will restart immediately. Account If you leave this interface without clicking OK, Update Restart Reset Back OK	Click Register Now.	OK Country China	solis Imal Passord
1 2 3 4 5 6	Status Please select your current wireless network: Wizard Site Survey Wireless o dink/14:d6:4d75:71:a0]65%[6 Cable o dink/14:d6:4d75:71:a0]65%[6	Back Next	1 2 3 4 5 6	E mail Password	Province/State Zhejiang)- City Ningbo - Street Locate Your Site On Map ZIP Code	Sign In Rejder Nor Market market
Olick Refresh to search available wireless networks, or add it manually.	Advanced Account Update Restart Rest	Colord Enable to obtain an UR address	If restart is successful, the following page will display.		Timezone (GMT+08:00)B Image: Comparison of the comparison of th	Notice: If users access the monitoring system for the first time within ten minutes after successful registration, please check the "Real Time" interface. If there are
Status Wizrd Please select your current wireless network: Wireless Site Survey concern, JESSI [Channel	Add wireless network manually Network name (SSID) Elink	automatically, then click Next.	Status Setting complete! Please close this page manually! Wizard Vireless Please login our management portal to monitor	Fill in your email address and password, then click Next.	Feed-in Tariff(FIT) AUD ® Panel Type 3S ® Inverter Type Ginlong ®	data shown in the Real Time interface, network setting of data logger and other connection are deemed successful.
Advanced Advanced Account Update Restart Beach	Encryption method WPA2PSK - Encryption algorithm TKIP - Back Next	Please fill in the following information: Status Wizard Obtain an IP address automatically Wireless IP address Cable IP address	Cable Advanced Account Update Restart Restart Restart Account Description Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart Restart R	Solis 🖄	Vescription ✓ Make This Site Public Registration Detelence © (1)	Home My Site Account Overview Real Time History Alex Report Settings
Add wireless network manually Network name (\$50) Elink (Note: case sensitive) Encryption method WPA2PSK	1 2 3 4 5 6	Advanced Subnet mask 0.0.0.0 Account Gateway address 0.0.0.0 Update Gateway address 0.0.0.0 Restart DNS server address Image: Comparison of the server address	Keset	Confirm Email: Preservery and	Specific type	No. Description Descripant <thdescription< th=""> <thdesc< td=""></thdesc<></thdescription<>
Back Next	Notice: Don't modify the information inside the red circle,and directly click"Next".	Back Next		Contirm Password:	Contact Name Phone Complete Cancel	

in Ginlongmonitoring website nanage power station



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ert5A0 1.1	VokapelN5 187.5	AC Carrent(A) 0.0	Detpet Preser(W) 0	Breguercy(983) 50.03	Total George 7,12	kwh.)	Temperature(%) 27.3	2254

5 Remote setting of Ginlongmonitoring

For example, set the station for 'PV Power Plant' as the following pictures.

Ö sol	is (定						TT I Reisingen
Home	My Site	Account	Overview	Real Time	History	Alert	Report	Settings
Site		Device	Alert	Cou Stan	ntry dard	Grid Off	'On	
	Act	count						
	Type O	f Site P	V Power Pla	nt	~			
	Site N	Name A	bel_Suit321	4_5012925	99 * N	/laximun	n 20 Let	ters

There are four remote setting functions of 'Grid Off/On', 'Country Standard', 'Controller' under the 'Setting' choice.



There are two remote setting functions of 'Grid Off/On', 'Country Standard', under the 'Setting' choice.

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Home My Site Account Over	view Real Time	History A	Vert Report	Settings
Site Device A	lert Co Sta	untry ndard Gri	d Off/On	
Invert	ar 39201502	20006	×	
Country Standa	rd UL-240V		~	
Passwo	rd			
	Setting			

Ningbo Ginlong Technologies Co., Ltd.

NO. 57 Jintong Road, Binhai Industrial Park Xiangshan, Ningbo, Zhejiang, 315712, P.R.China Tel: +86(0)574 6578 1806 Fax: +86(0)574 6578 1606 Email: info@ginlong.com Web: www.ginlong.com

Please record the serial number of your monitor and quote this when you contact us.