

1. Devices connect to Computer via RS485 to USB Conveter

(1) For connection between ADW310 and computer by using RS485 to USB converter. USB side of Converter plug in computer USB port, and RS485 side of conveter connected to PIN A1 and PIN B1 of ADW310.

(Noted: PIN A1 of ADW300 connect to "RS485+/Tx+" of converter; PIN #B1 of ADW300 connect to "RS485-/Tx-" of converter)

(2) Power up ADW310 using PIN U1&PIN UN by using power source with the rated voltage of 220~264Vac.





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(3) Check COM port on computer (You can check the COM port on the computer's device manager. If you can't find it, please update to the latest USB driver)



(4) Open ADW310 Adjustment Software

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	🚬 en	2023/3/20 11:45	文件夹	
	🚞 en-US	2023/2/2 9:02	文件夹	
Þ	🚞 zh	2023/3/20 11:45	文件夹	
Þ	🚞 zh-Hans	2023/3/20 11:45	文件夹	
Þ	zh-MO	2023/3/20 11:45	文件夹	
Þ	■ ADW310调试软件	2023/2/6 13:11	应用程序	2,164 KB
Þ	■ ADW310调试软件.vshost	2023/2/8 15:20	应用程序	12 KB
Þ	B Microsoft.VisualBasic.dll	2019/12/6 16:49	应用程序扩展	644 KB
ic	🗟 Microsoft.VisualBasic.PowerPacks.Vs.dll	2010/3/18 20:15	应用程序扩展	254 KB



ADW310 Software Adjustment&Configuration Manual

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(5) Change Language Setting

				- 0
2置 Language Ch	nange Languag	e to English		
地址: 1 。 监视	(取数据 关闭串口	广播读ADW310地址		00
Ual 0	Ia 0 I	b 0 Pa 0	Qa 0	
Sa 0	PFa 0 E	P 0 EPp 0	EPn 0	
EQp 0	EQn 0 0	年0月0日0日	时0分0秒	
■电流规格 DIDO	状态 数据清零 1 读取DI 全部清零		IB: 1	
电流规格 DIDO:	状态 数据清零 1 读取DI 全部清零 1 设置DO 设置	双路电流校准 IA: 1 初始化 零点粉	IB: 1 乾進 講慶校進 校	时
□ 田(前规格 DIDO) 100A □ DI □ DI □ DO 通讯	状态 数据清零 1 读取pri 全部清零 1 设置po 设置 校验 停止位: 1	双路电流校准 IA: 1 初始化 零点相 校准 Un: 100 Diameter	IB: 1 乾進 満度校准 校	BY
 电流规格 DIDO: 100A □ DI □ DI □ DO □ DI □ DI □ DO □ DI □ DI	状态 数据清零 1 读取DI 全部清零 1 设置DO 设置 校验 停止位: 1 校验方式: N	双路电流校准 IA: 1 初始化 零点桁 校准 Un: 100 V Ib: 和粉化	IB: 1 乾進 满度校進 校 10 V Ec: 400 相位校生の	81
 □□□□ □□□ □□□ □□□ □□ □□	状态 数据清零 1 读取pri 全部清零 1 设置po 设置 校验 停止位: 校验方式: N 读取 设置	双路电流校准 IA: 1 初始化 季点相 校准 Un: 100 ✓ Ib: 初始化	IB: 1 茨准 满度校准 校 10 ✓ Ec: 400 相位校准0	时
 □□□Λ □□□ □□□ □□ □□	状态 数据清零 1 读取pri 全部清零 1 设置po 设置 校验 停止位: 校验方式: N 读取 设置	双路电流校准 IA: 1 初始化 零点相 校准 Un: 100 V Ib: 初始化 初始化	IB: 1 数准 满度校准 校 10 ✓ Ec: 400 相位校准0 酸值 温度	81
 电流规格 DIDO: 100A ○ DI DI DO 通讯 地址: 1 波特率: 9600 ○ 读取 设置 变比 PT: 1 	状态 数据清零 1 读取ur 全部清零 1 设置uo 设置 校验 停止位: 校验方式: N 读取 设置 背光<	双路电流校准 IA: 1 初始化 零点桁 校准 Un: 100 V Ib: 初始化 新始化 IA: 1 初始化 零点桁 日 日 日 日 日 日 日 日 日 日 日 日 日	IB: 1 放進 满度校進 校 10 Ec: 400 相位校進の 酸值 温度 TmpA:	81
□Bith规格 DIDO: 100A DI DI DI DO 通讯, 地址: 1 波特率: 9600 √ 读取 设置 变比 PT: 1 CT; 1	状态 数据清零 1 读取ur 全部病零 1 设置uo 设置 校验 停止位: 校验方式: N 读取 设置 背光<	双路电流校准 IA: 1 初始化 零点相 校准 Un: 100 → Ib: 初始化 Ib: 初始化 Ib: 初始化 Ib: Ib: Ib: Ib: Ib: Ib: Ib: Ib: Ib: Ib:	IB: 1 放進 满度梳進 校 10 Ec: 400 相位枝道の 藤値 温度 TmpA:: 18	B1 1

(6) Press "SET" and press "PortSET" button and set the parameter as below

(Note: COM No. should be as same as what we checked in the computer manager before)

🛃 V1.03	- 🗆 X
SET Language	1
Addr: 1 ReadData ClosePort Broadcast read	00
monitoring	
Ual 0 Ia 0 Ib 0 Pa 0 Qa 0	
Sa 0 PFa 0 EPp 0 EPn 0	
EQp 0 EQn 0 0 Y 0 M 0 D 0 H 0 MINO S	
Basic Paremeters Debugging Information environment 1 environment 2 LORA、2G、NB WIFI MQTT Alarm Parameter2 DI&D 电流规格 DIDO-State Data re 副自设置 - O X : 1 DD11 READ DI SET DO SET COM 就用: comp According to the first set of the	••
communication parity Baud Pate 始结弦, and Date 的 Date 的	
addr: 1 stop bits: 1	
baud: 9600 y parity: N Stop bit 信止位: SET	
Data: 5000 0 Defualt: 1 Defualt: 1	
READ SET READ SET Fairly PJ (P) (X322 : N Default: N	
rate backlight temperature	
PT: 1 Time: 1 确定 取消 TmpA: 1	
CT: 1 TmpN: 1	



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SET Language	
Addr: 1 ReadData ClosePort Broadcast read	$\bigcirc igodot$
monitoring	
Ual 0 Ia 0 Ib 0 Pa 0 Qa 0	
Sa 0 PFa 0 EPp 0 EPn 0	
EQp 0 EQn 0 Y 0 M 0 D 0 H 0 MIN 0 S	
Basic Paremeters Debugging Information environment 1 environment 2 LORA、 26、NE WIFI MQTT Alarm Parameter2 DIA 电流规格 DIDO-State Data reset 双路电流校准 IA: 1 IB: 1 Wiring Un: 100 V Ib: 10 V Ec: 400 V READ SET VIRING Un: 100 V Ib: 10 V Ec: 400 V READ SET VIRING Un: 100 V Ib: 10 V Ec: 400 V READ SET VIRING Un: 100 V Ib: 10 V Ec: 400 V READ SET VIRING Un: 100 V Ib: 10 V Ec: 400 V READ SET VIRING Un: 100 V Ib: 10 V Ec: 400 V READ SET VIRING Un: 100 V Ib: 10 V Ec: 400 V READ SET VIRING UN: 100 V Ib: 10 V Ec: 400 V READ VIRING UN: 100 V Ib: 10 V Ec: 400 V READ VIRING UN: 100 V Ib: 10 V Ec: 400 V READ VIRING UN: 100 V Ib: 10 V Ec: 400 V READ VIRING UN: 100 V Ib: 10 V Ec: 400 V READ VIRING UN: 100 V Ib: 10 V Ec: 400 V READ VIRING UN: 100 V Ib: 10 V Ec: 400 V READ VIRING UN: 100 V Ib: 10 V Ec: 400 V READ VIRING UN: 100 V Ib: 10 V Ec: 400 V READ VIRING UN: 100 V Ib: 10 V Ec: 400 V READ VIRING UN: 100 V Ib: 100 V Ib: 100 V READ VIRING UN: 100 V Ib: 100 V	
wireless enable READ NO. 1 一 无 LoRa K (Switch) 一 T (Tmp) U(outage alarm) SET READ SET	



2. APN Configuration [For ADW300-4GHW, 4G Version]

- (1) Find "environment 2" interface.
- (2) Alway press "Read (读取)" button first to check the current APN setting.
- (3) Configure the APN setting according to your APN setting on 4G SIM card [If no APN username and
- password, then remain blank for these 2 settings]
- (4) Press "Set(设置)" button for saving the setting.
- (5) Press "Read (读取)" button for checking whether setting complete.
- (6) Noted: APN_EN remain "open (开启)".

₹ V1.03	- 0	X
Addr: 1 ReadData ClosePort Broadcast read		
monitoring Ual 230.9 Ia 0.00 Ib 0.00 Pa 0.000 Qa 0.000		
Sa 0.000 PFa 1.000 EP 0.00 EPp 0.00 EPn 0.00		
EQp 0.00 EQn 0.00 23 Y 10 M 11 D 15 H 49 MIN 37 S		
Basic Paremeters Debugging Information environment 1 environment 2 LORA、2G、NB WIFI MQTT Alarm Parameter2 D	18D • •	
groupBox47		
HJ212_ST1: 设备编码1:		
HJ212_ST2: 设备编码2:		
HJ212_ST3: 设备编码3:		
读取 设置		
AFNAdd: 1 AFNUserName: 123 AFNUserName: 123 AFNPassWord: 12345678 AFN_EN: 开启 、 读取 设置 、 Always press "Read (读取)" button first for checking 3. Set "APNaddress", "APNUserName", "APNPassword the setting of your APN 4G SIM card. 4. Hold "APN_EN" as "open (开启)" 5. Press "Set (设置)" button to save your setting 6. Press "Read (读取)" button again for check whether was successful.	current setting " according to your setting	
UTC: 读取		
SerialNum: SET		
绪	状态:未连接	



3. WiFi SSID&Password Configuration [For ADW300-WF, WiFi Version]

- (1) Find "WiFi" interface.
- (2) Alway press "Read (读取)" button first to check the current WiFi setting.

(3) Set "WiFi SSID/WiFi username" and "WiFi password" according to the WiFi configuration of your current WiFi network used for ADW310 devices. Keep their setting the same.

- (4) Click "SET" button for saving the setting.
- (5) Click "READ" button for checking whether the setting was successful.

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Addr: 1 ReadData ClosePort Broadcast read monitoring Ual 230.9 Ia 0.00 Ib 0.00 Pa 0.000 Qa 0.000	\bigcirc	•	
Sa 0.000 PFa 1.000 EP 0.00 EPp 0.00 EPn 0.00			
EQp 0.00 EQn 0.00 23 Y 10 M 11 D 15 H 54 MIN 28 S			
Basic Paremeters Debugging Information environment 1 environment 2 LDRA、26、88 WIFT Mult Alarn Parameter2 DDMU wiff account and password Settings			
就绪	5: 未连接		