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Why my IS correctly? The I-8417/8817/ between two Me	- 8437/8837, I-718	3 88EG/XG, V	Vincon-8xx7	supports t						
	•	version version	2.20 or later 2.18 or later 3.22 or later rsion 3.39 or	version version	on					
New released driver can be download at https://www.icpdas.com/en/download/show.php?num=368&nation=US&kind1=&model=&kw=ISaGRAF										
Please refer to " function. It can b			•	or more info	ormation abo	ut "Modbus	Master"			
Web list: https://www.icp File location: https://www.icp					ion=US&kind	1=&model=8	kw=ISaGRAF			
The normal reas listed as below.	ons which make	e the ISaGR	AF Controlle	r cannot c	onnect the M	odbus Slave	devices well ar			
<ol> <li>The ISaGRAF IO connectio</li> <li>The "baud",</li> </ol>	ed device doesr Controller does n windows (Ple "parity", "stop_ Slave devices. C	sn't run the ase refer to bit" setting	e ISaGRAF pr the "ISaGR/ ; in the "mbu	ogram whi AF User's n Is" and "m	ch setup the ' nanual" – Cha bus_asc" doe	'mbus" or "n pter 8).	nbus_asc" in th			
		ICP DAS	6 Co., Ltd. Te	chnical Do	cument					

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ISaGRAF - CRI File Edit Iools 9 0 1 2 3 4 5 6 7 8 mbus 9		hection	107 no = 4 = 19200 = 8 y = 0 _bit = 1 put = 500	e <u>E</u> dit <u>I</u> o <b>b b b</b> 1 2 3 4 5 5 7	CREATION - 1 ols Options Hel 2 1 1 1	p	

- 4. The "timeout" setting in the "mbus" and "mbus\_asc" is too small for those connected Modbus slave devices. Its unit is ms (0.001 second). For example, if the slave device will reply in 200 ms later after it received the requested command, then please set "timeout" as twice of this 200 ms. That is 400 ms. If it will reply in 350 ms later, then please set "timeout" as 700. And so on.
- 5. The "port\_no" setting is not correct in the "mbus" and "mbus\_asc". For example, if using W-8xx7 and I-8xx7's COM3 as Modbus Master port, please set "port\_no" as 3. If using W-8xx7's COM5 to COM14 as Modbus Master port, please power off Wincon first. Then plug the I-8112/ 8114/ 8142/ 8144 expansion card in the W-8xx7's slot 1 to 4, then power On Wincon, run Wincon-utility > Com > New-Card-Wizard > Slot-Scan > Save-New-Module once. It will setup the serial expansion ports and reboot Wincon once, then COM5 to COM14 should work.

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WinCon Utility 1 for W-8X4X [Ver 2.1.3.0] OK ×										
Save Registry System Config Auto-execute Version Update Com About WinCon Utility 1 Testing										
Serial Touch	Change ComPort				$\mathbf{i}$					
( 9 : Disab	ole)	Now Card	Winned (Mor. 0.	02)			OK V			
Elo COMO:										
Dynapro CC	омо: 🛛	Slot1 :			Slot_1: 8142 (S					
Egalax COM	10:	Slot2 :	8144	<b>     </b> ≜ <b>ĕ</b>	Slot_2: 8144 (9	erial Port)				
		Slot3 :								
Parallel Con	nmunication Modul	Slot4 :								
Ne	w Card Wizard	Slot5 :								
		Slot6 :								
		Slot7 :								
			ot Scan							
		Registry	<i>i</i> — — — — — — — — — — — — — — — — — — —	Regis	try for Factory	Setting —				
		Save	New Module	Fa	ictor Default	Sav	re			
It will	take few minute r			dule.						
	(System must b	e reset to a	ctive devices.) Cance							
<u> </u>		Syetem								
	Keset a	syecem			×					
Reset System Now? OK Later										
If the controller is I-8xx7, only two of its COM1, COM3, COM4 and COM5 ports can be used (I-8xx7's COM5 resides at the L 8112/8111/8142/8144 evenesion card). While enhy two parts of the L 7188EC is COM1. COM2										
resides at the I-8112/8114/8142/8144 expansion card). While only two ports of the I-7188EG's COM1, COM2 and COM3 can be used. And only two ports of the I-7188XG's COM2 and COM3 can be used.										
(I-7188EG/XG's COM3 resides at the X-5xx expansion card)										
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<ul> <li>Author Chun Isai Version 1.0.0 Date Jul. 2007 Page 4/6</li> <li>6. The set "port_no" is occupied by other functions. For ex, if using "bus7000b" at the same port No. or using I-8xx7 or I-7188EG's COM1 as Modbus RTU slave port. Or using Wincon-8xx7's COM2 or COM3 as Modbus RTU slave port.</li> <li>Please follow below steps to disable the Wincon's COM2/ COM3 Modbus RTU slave setting.</li> </ul>												
Wincon ISaGRAF Driver												
Setting Web About												
	Configuration 1. Set Modbus RTU Slave Port as "None"											
Mo	Slave Number : 1 Modbus RTU Slave Port COM2 Baud Rate 19200 , N, 8, 1 Modify 2. Then recycle the power of W-8xx7 once.											
Cu	Project Current Application whmi_03 Delete Elapsed Time 0:0:25:06 End Driver											
	Please follow below steps to disable the I-8xx7's COM1 Modbus RTU Slave setting.											
<ul> <li>A. Create a "8000" folder in your PC's hard drive (for ex, "c:\8000".)</li> <li>B. Download at https://www.icpdas.com/en/download/file.php?num=932, and Copy 7188xw.ini to this "8000" folder.</li> <li>C. Run this 7188xw.exe. A "7188 xw" window will show up.</li> <li>D. Connect PC's COM1 or COM2 to I-8xx7's COM1 by a RS-232 cable. If your PC is using other COM port Number, please modify the "7188xw.ini" and then run</li> </ul>												
"7188xw.ex	ke" again.			_								
	15200 P0 D8 S1			5 0115200 P	0 D8 S1							
F Xautoexec.bat Xisa.exe w25 w25												
E. Power off the I-8437/ 8837, short its "INIT" pin to "INIT COM". (Short INIT to GND for 7188EG). Then power it on again.												
<ul> <li>F. If the connection is fine, the 7188xw.exe will display something like "I-8000&gt;".</li> <li>G. Key-in "isa *f=1" to free this COM1 (Free COM1 as non-Modbus-Slave port)</li> </ul>												
i-8000> ICP_DAS MiniOS7 for I-8000 Ver. 2.00 build 002,Apr 08 2005 17:06:02 SRAM:512K, FLASH MEMORY:512K [CPU=Am188ES] Serial number= 09 63 4A 60 03 00 00 76												
i-8000>isa *f=1												
Com1 is f	ree now											
			S Co., Ltd.	Technical Do	cument							

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I. Remove th	.T_X to exit the ne connection b	etween "If	NIT" and "INIT (	COM". R	ecycle the I-84	137/8837 onc				
Please follow below steps to disable the I-7188EG's COM1 Modbus RTU Slave setting.										
The steps are the	similar as the s	steps in the	e former page e	except st	ep "G".					
G. Key-in "	isa7188e *f=1"	to free CO	M1 (Free COM	1 as non	-Modbus-Slav	e port)				
	i7188E> isa718 i7188E> isa718		(for I-7188 (for μPAC-7	•						
7. Some Modbu The normal t "mbus_asc" defa Modbus commar value in the IO co	ime gap betwe ult uses this tim nd. If your Mod	en two Mc ne gap sett bus Slave c	dbus command ing. They will d levice need lon	ds is 3.5 elay abc ger dela	Character tim out 3.5 Charact y time, please	e. The "mbu ter time, the set a special	n sending next "port_no"			
ISaGRAF - CRI         File       Edit       Iools       9         0	Deptions <u>H</u> elp ① ① ① ① ①	3000         ref           1000         ref           1000         ref           1000         char           1000         char           1000         char           1000         char           1000         char           1000         char           1000         char	y = 0	Port (H Port (H If set Dela Use If set Dela	y_time betweed ort_no / 100 + 1 lere is 250 ms used = port_no lere is COM3) tting port_no a y time is 500 n ed Port is COM tting port_no a y_time is 0 ms ed Port is COM	3.5 character + 3.5 character o mod 100 as 50002, it m ms + 3.5 char 12 as 2, it means s + 3.5 character	Time, ter Time) neans racter time.			

