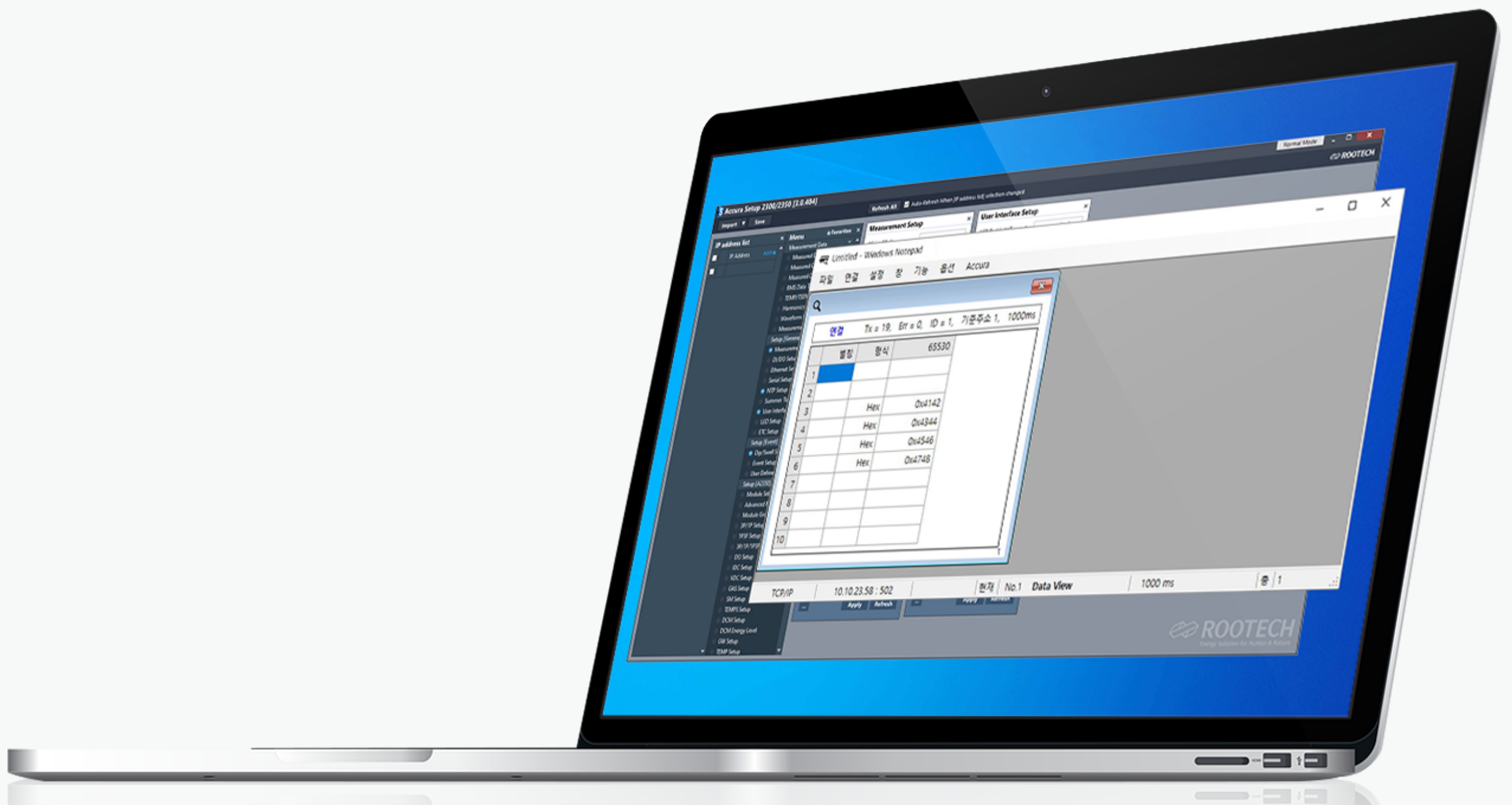


Address/Endian Error Check



Revision 1.10[English]
June 11, 2024

※ Please refer to the Communication Guide for details.

Collect / Compare Data

- ※ Devices Provide fixed data for checking the communication error :
- Accura 2300[S](App. Version 5.01 or later), Accura 2500/2550, Accura 2700/2750
 - Accura 3000, Accura 3300E, Accura 3500, Accura 3500E, Accura 3550
 - Accura 3700(Custom LCD, App. Version 5.01 or later)
 - Accura 3700(TFT LCD)

1 Collect data: 65526 ~ 65529

Register Number	Value [Fixed]	Format	Attribute
65526	41 42h	Hex16	R
65527	43 44h	Hex16	R
65528	45 46h	Hex16	R
65529	47 48h	Hex16	R

2 Compare 65527, 65528 data

Check Address/Endian Error

A If the Register Number[Address] is normarly accessed

Case	Value[65527, 65528]			Edian	Solution
	Hex	UInt32	Float		
Normal	43_44_45_46	1,128,547,654	196.271	AB CD	Normal
A1	45_46_43_44	1,162,232,644	3172.2	CD AB	Adjust endian to "ABCD"
A2	44_43_46_45	1,145,259,589	781.098	BA DC	
A3	46_45_44_43	1,178,944,579	12625.1	DC BA	

B If the Register Number[Address] is accessed incorrectly by +1

Case	Value[65527, 65528]			Edian	Solution
	Hex	UInt32	Float		
Normal	43_44_45_46	1,128,547,654	196.271	AB CD	Normal
B1	45_46_47_48	1,162,233,672	3172.46	AB CD	Subtract 1 from the address
B2	47_48_45_46	1,195,918,662	51269.3	CD AB	· Subtract 1 from the address · Adjust endian to "ABCD"
B3	46_45_48_47	1,178,945,607	12626.1	BA DC	
B4	48_47_46_45	1,212,630,597	204057	DC BA	

C If the Register Number[Address] is accessed incorrectly by -1

Case	Value[65527, 65528]			Edian	Solution
	Hex	UInt32	Float		
Normal	43_44_45_46	1,128,547,654	196.271	AB CD	Normal
C1	41_42_43_44	1,094,861,636	12.1414	AB CD	Add 1 from the address
C2	43_44_41_42	1,128,546,626	196.255	CD AB	· Add 1 from the address · Adjust endian to "ABCD"
C3	42_41_44_43	1,111,573,571	48.3167	BA DC	
C4	44_43_42_41	1,145,258,561	781.035	DC BA	

**Please refer to the
Communication Guide
for details.**