

Advantech SE Technical Share Document

Date	2020 / 03 / 20			rioc	
Category	🗆 FAQ 🗆 SOP	Related Product	WOP-2000T series WebAccess/HMI Runtime		
	Driver Tech Note				
Abstract	How to connect BACNe	t/MSTP device with	the WebAccess	/HMI.	
	WOP-2000 Series				
Keyword	WebAccess/HMI Runtime				
Related OS					
	F	Revision History			
Date	Version	Author	Reviewer	Description	
2020/03/20	V1.0 B	lack Chang	Nick Liu	WA/HMI V2.1.9.31	

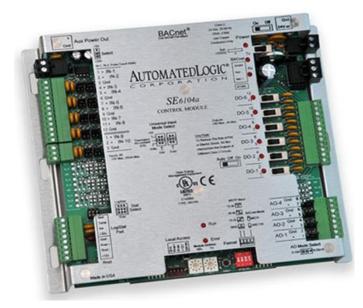
Problem Description & Architecture: How to connect BACNet/MSTP device with the WebAccess/HMI.

Brief Solution - Step by Step:

This document illustrates the way to link the controller correctly and the note of related installation when using HMI.

BACNet/MSTP device setting:

Apply to BACnet/MSTP, this document use SE6104a Controller for test.

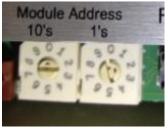


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(1) Module Address setting:

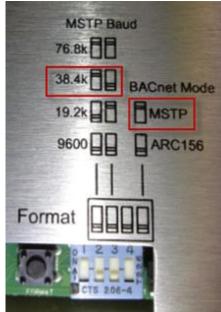
To adjust address switch (Note: PLC address is the hardware ID of BACnet equipment, not software ID.)



		ak Properties		1				
and states	ex C	Jeneral Param	eter					
bal mple	^	Baud Rate:	38400	~	Others Panel Address	s	-	
Links 🕐 Internal Memory		Data Bits:	8	~	PLC Address:	2		-
Tink1		Parity:	None	~	raneout rane.	U	1993	(XU.I Sec.)
lags Sound Table		Stop Bits:	1	~	Command Delay:	0	\$	(x 1 ms)
Setup General Setup T Command & Status			-		Retry Count:	0	0	

(2) Format setting:

Set DIP according to each brand of machine Baud rate: 38400 (according to the setting of actual use) Mode: MSTP





Link Port:

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COM1(連線1) 🔹

The duration of showing a communication error message: 5 - second (s)

Record communication status in operation log

HMI Settings:

	L. Choose L	Device/Server Setting: Honeywell - BAChet/IVISTP	
ſ	Link Properties		×
	General Paramete	x	
	Link Number:		
	Link Name:	連線1	
	Link Type:	Direct Link (COM)	•
	Device/Server:	Honeywell	•

📃 Sub-links

確定 取消 說明

1 Chaose Device/Server Setting: Honeywell -> BACnet/MSTP

Communication Setting: (according to hardware switch)

Link Properties		x
General Parameter Transmission Baud Rate: 38400 - Data Bits: 8 -	Others Panel Address: 0 🚖 PLC Address: 2 🚖	
Parity: None Stop Bits: 1	Timeout Time: 0 (x 0.1 Sec.) Command Delay: 0 (x 1 ms) Retry Count: 0 (x 1 ms)	
		確定取消說明



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PLC Address List

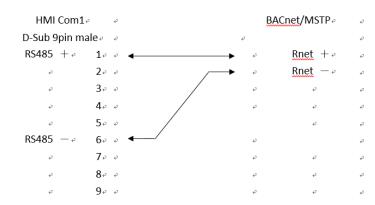
Bit Device:

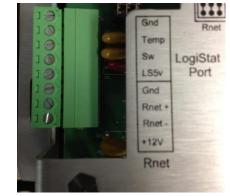
Bi	t Device (BAC	net/MSTP)			x
	Bit Device	Address Range	e	Block Address	Comn
	BIn BOn B∨n	n: 0~65535 n: 0~65535 n: 0~65535		N/A N/A N/A	
	•		III Close		4

Word Device:

Word Device	Address Range	Size	Commer
Aln	n: 0~65535	32 bits	
AOn	n: 0~65535	32 bits	
AVn	n: 0~65535	32 bits	
4			,
•			,

Pin Definition (in case of serial connection):





Reference: