

Advantech SE Technical Share Document

Date	2021/10/8			rioc
Catagory	□ FAQ ■ SOP	Related Produc		ies
Category	Driver Tech Note		OF-200K Set	103
Abstract	HMI Function - FTP Se	rver and Client Set	ting	
Keyword	WOP-2000T series and	WOP-200K series		
Related OS				
		Revision History		
Date	Version	Author	Reviewer	Description
2024/40/0	V1 0			WA/HMI V2.1.9.xx
2021/10/8	V1.0			Navi V4.0

Problem Description & Architecture:

This tech note explicated how to make the FTP Server / Client setting, and let HMI can save / load the files to FTP Server, or let FTP Client (3rd party software) to save/load files from HMI.

Brief Solution - Step by Step:

HMI (FTP Client) → FTP Server



FTP Server Setting:

1. please install FileZilla Server software, and then executing the FileZilla Server.





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2. Click the User button and create a new account on the FTP Server, and apply the access authority and path.

Users	×
Page: General Shared folders Speed Limits IP Filter	Account settings
	Bypass userlimit of server Maximum connection count: 0 Connection limit per IP: 0 Eorce TLS for user login Remove Rename Copy
OK	Description
Users	×
Page: General Shared folders Speed Limits IP Filter	Shared folders
ОК	If using aliases, please avoid cyclic directory structures, it will only confuse FTP clients.
Cancel	

please confirm the IP address of PC and HMI in the same network area.
 PC IP Address
 HMI IP Address



	General		3_21_1	20			
0	Check Battery: Screen Saver Time (minute	True OK			glish (繁體) (简体)		
General	Allow To Run Panel Setup Start-up Language:	:	True Default		Cancel	Boot from File	
Touch Panel	Run AP After Power On Display Upside Down: Transparent Communication	en:	False False True		Reset	Update from File	
Set Time/Date	Get An IP Address Autom IP Address	atically:	True			lear Recorded Data	
	Subnet Mask: Gateway: DNS Address:	255.2 172.2 172.2	.55.255.0 1.250.254 20.1.100	16	8.95.192.1		
H/W Information	HMI Name: HMI LCD Brightness: Increase Decrease Save					Run	
¥2.1.7.42							



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HMI Setting:

1. Create Function Button of FTP on the Screen.

HIMINavi D Function Button	×	
J <u>File Edit</u> General Label Advanced Visibility Gradient		
Image: Select Manage Select Touch Response: Sunken Test Image: Select Manage No.BDR Image: Select Manage Select Touch Response: Sunken Test Image: Select Manage Select Touch Response: Select Touch Response: Select Test Image: Select Manage Select Touch Response: Select Test Image: Select Test Select Test Image: Select Test Select Test		MQTT Set

2. Download HMI project to WOP.

Application:

1. Click the FTP Setting button of HMI and set the IP address of PC and account information that must be as same as FileZilla server.



2. when the test succeeded, click Upload File to Upload the file that saving in HMI.



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3. Will show more detail in the FileZilla server.



** This is how it works when used the HMI to being FTP Client, and PC to being FTP Server.

FTP Client \rightarrow HMI(FTP Server)



HMI Setting:

1. please enter the Panel Setup, and confirm the User name, User Level and path.

and a			English (繁體) (首体)		FTP/VNC/Email					
0	Panel Setup				FTP	VNC	En	nail		
- MAN					User Name:	user				
General		Copy AP to HMI	Boot from File		Lowest User Level For Write:	0 💌				
					Lowest User Level For Read:	0 🔻				
Touch Panel		Copy AP to File	Undate from File		File Folder For FTP Server:	CA				
Touch Tunci		соруни ютис	opuate nom rate			Examples: (1) C3 (2) D:FtpFolderi				
Set Time/Date		Copy File	Clear Recorded Data							
		Delete File								
		Format Disk C	Run							
H/W Information	LAN Printer Address	FTP/VNC/Email					C	OK Cancel		



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* Tips: User Name default setting is user, and the Password could be set in the HMI Designer software. The password setting would be effective after run the application.

PM Designer - C\Users\NOA52K456CG05\Desktop\TN02E.pm3 - [Screen 1 (#1)]	- 🗆 ×					
Ele Edit View Screen Draw Object Project Panel Iools Window Help		Passwords				? ×
Edit Verre Jonen Deve Object Porei Teorie Jones Hallen Universite Control Teorie Teories Teor		Passwords User Level 1 2 3 4 5 6 7 8 ♥ 9 □Support u	Password 22 333 4444 55555 666666 777777 8888888 Developer Password p to 32 users/p	User Name (*ASCII characters only)	Logn Pop up the login lexyad for operations requiring a user level higher than the current one Trigger Bit: None Notification Logout Trigger Bit: None Notification Notification Notification	7 × OK Cancel

FTP Client Setting:

1. Install the software FileZilla Client, and then executing the FileZilla Client.



2. Executing the FileZilla Client, and confirm the setting including User Name, Password, and IP as same as HMI.

and the second se	名稱(U): user	密閉(W): •••	建建埠(P): 1	(Q) +				
 第: 257 "/"s current directory. 8: 成功的第日統列表 第: 日光何間短期第: ECONWARD 	ORTED - Connection ab	orted						
Better: (J. pr. II Visite Experts V. 23.3.24 PA Designer PA Desi	VI2 VI2 VI2 VI2 VI2 VI2 VI2 VI2 VI2 VI2 VI2 VI2		編集大○ 職業額: 25653777 専門日 (10117) 専門日	 単単型2時間 2017/2/22 162515 2017/2/22 162515 	【御殿石田] / / ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	■東大小 2,800,00年 2,555 3,422 168 188 45	確要導別 PRP 準要 Microsoft Excel 道動。 Microsoft Excel 道動。 Microsoft Excel 道動。 Microsoft Excel 道動。	要後導改時間 2018/01/02 2018/01/02 2018/01/02 2018/01/02 2018/01/02 2018/01/02 2017/12/21
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** This is how it works when used the HMI to being FTP Server, and PC to being FTP Client.

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- Pin Definition (in case of serial connection):
- <u>Reference</u>: