

# Advantech SE Technical Share Document

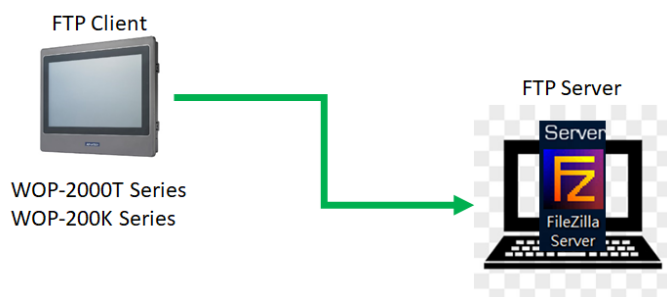
Date	2021 / 10 / 8	Related Product	WOP-2000T series OP-200K series	
Category	<input type="checkbox"/> FAQ <input checked="" type="checkbox"/> SOP <input type="checkbox"/> Driver Tech Note			
Abstract	HMI Function - FTP Server and Client Setting			
Keyword	WOP-2000T series and WOP-200K series			
Related OS				
Revision History				
Date	Version	Author	Reviewer	Description
2021/10/8	V1.0			WA/HMI V2.1.9.xx 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.



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

The top screenshot shows the 'Users' window with the 'General' tab selected. The 'Account settings' section is highlighted, showing 'Enable account' and 'Password' checked. The 'Group membership' is set to '<none>'. The 'Add' button is highlighted.

The bottom screenshot shows the 'Shared folders' tab. A directory path 'H:\Users\NOAS2K456CG05\...' is selected. The permissions list on the right is highlighted, showing 'Read', 'Write', 'Delete', and 'Append' checked.

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

PC IP Address

The 'Network Connection Details' window shows the following configuration:

內容	值
連接特定 DNS 名稱	advantech.corp
描述	Intel(R) Dual Band Wireless-AC 7265
實體位址	DC-53-60-F2-CE-43
DHCP 已啟用	是
IPv4 位址	172.21.250.56
IPv4 子網路掩碼	255.255.255.0
已取得租約	2017年12月29日 16:57:18
租約到期	2018年1月10日 13:49:36
IPv4 預設閘道	172.21.250.254
IPv4 DHCP 伺服器	172.20.1.100
IPv4 DNS 伺服器	168.95.192.1
IPv4 WINS 伺服器	172.20.1.66
NetBIOS over Tcpip 已啟用	是
連結-本機 IPv6 位址	fe80:c614d6d20bb4683d1%2
IPv6 預設閘道	
IPv6 DNS 伺服器	

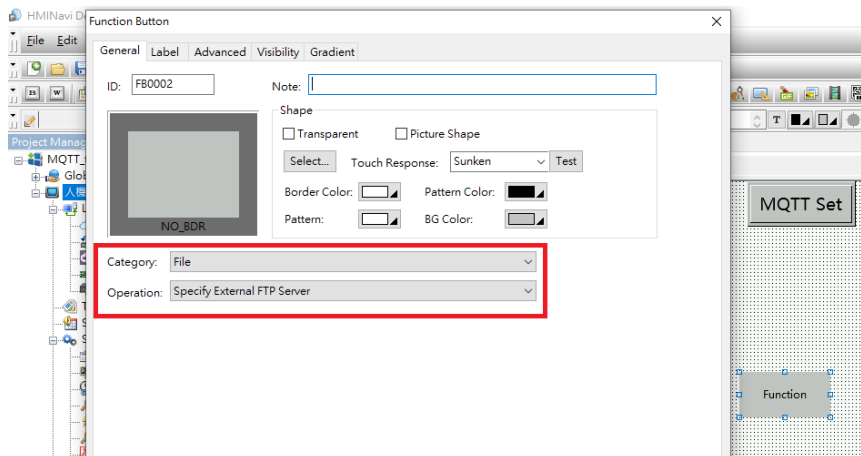
HMI IP Address

The 'General' configuration window shows the following settings:

Check Battery:	True
Screen Saver Time (minutes):	20
Allow To Run Panel Setup:	True
Start-up Language:	Default
Run AP After Power On:	False
Display Upside Down:	False
Transparent Communication:	True
Get An IP Address Automatically:	True
IP Address:	172.21.250.129
Subnet Mask:	255.255.255.0
Gateway:	172.21.250.254
DNS Address:	172.20.1.100
HMI Name:	HMI
LCD Brightness:	Increase Decrease Save

## HMI Setting:

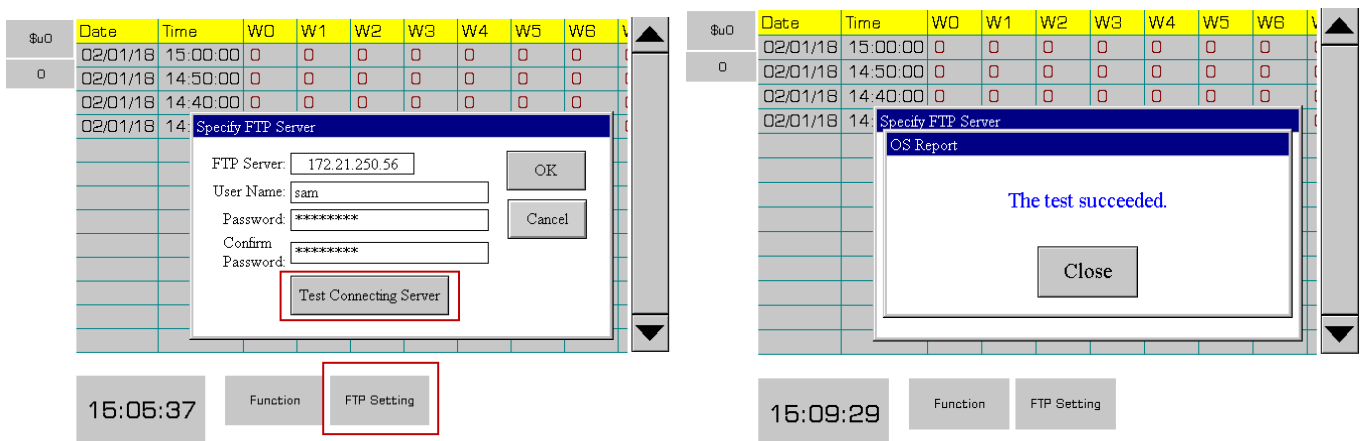
1. Create Function Button of FTP on the Screen.



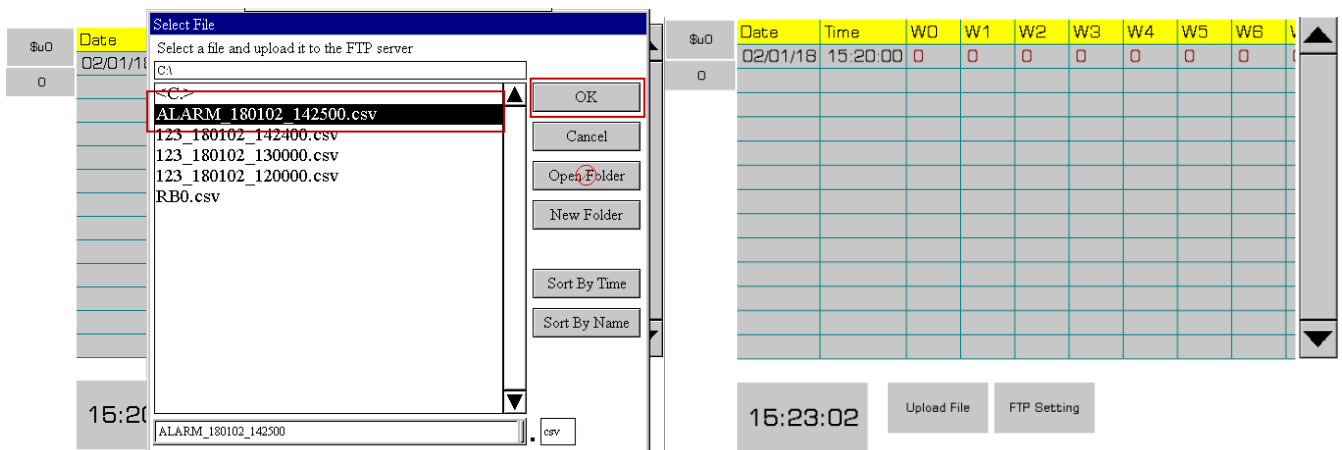
2. Download HMI project to WOP.

## Application:

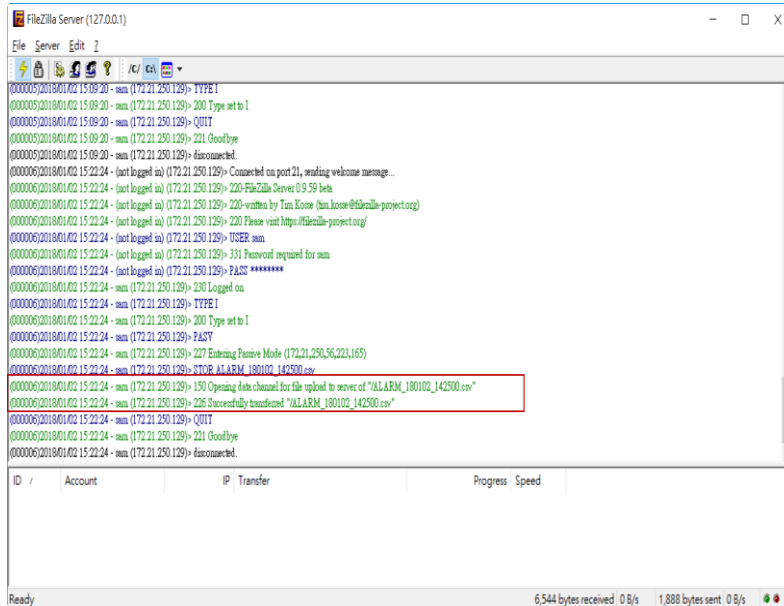
1. Click the FTP Setting button of HMI and set the IP address of PC and account information that must be as same as FileZilla server.



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

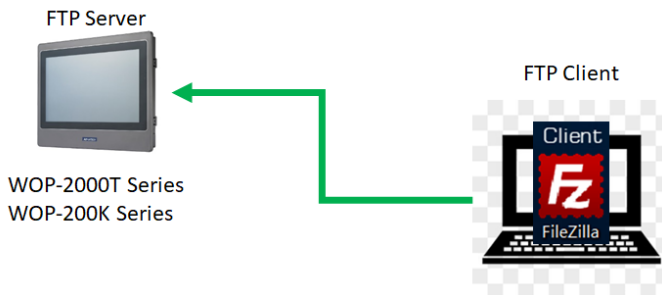


### 3. Will show more detail in the FileZilla server.



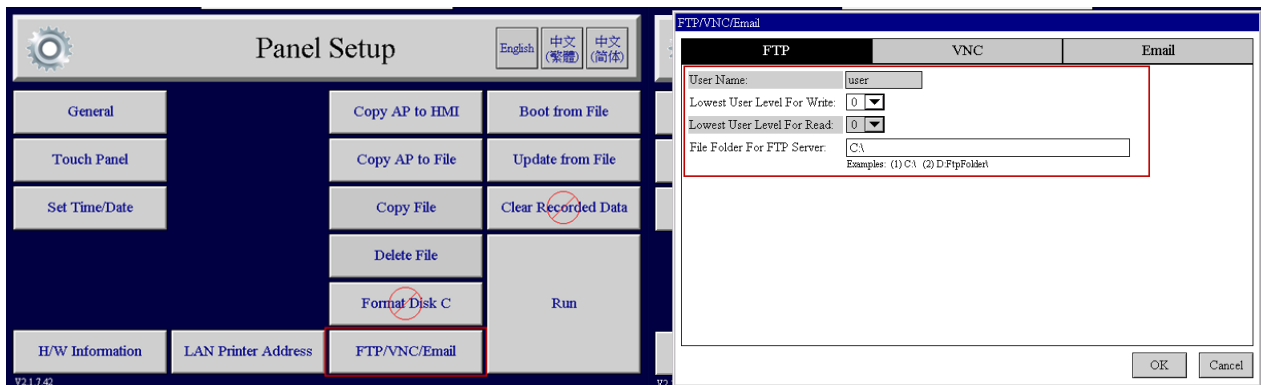
**\*\* This is how it works when used the HMI to being FTP Client, and PC to being FTP Server.**

### FTP Client → HMI(FTP Server)

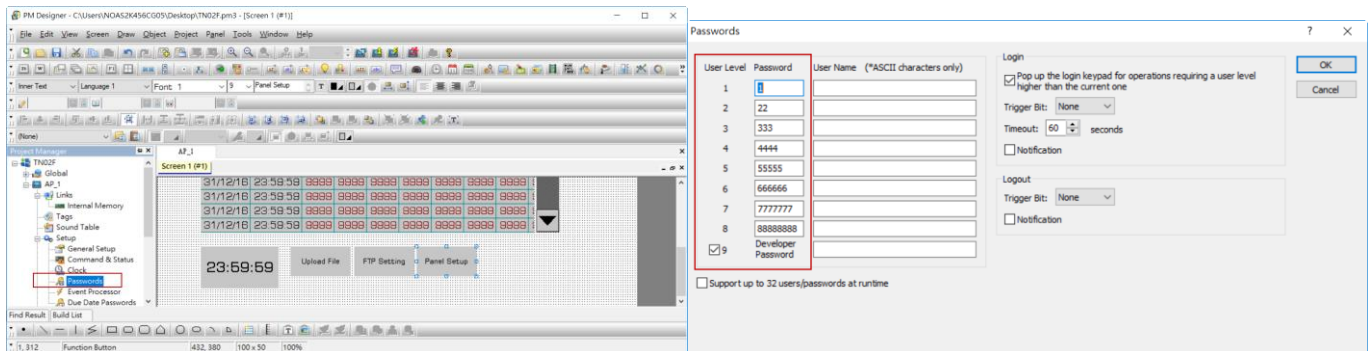


### HMI Setting:

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



- \* 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.

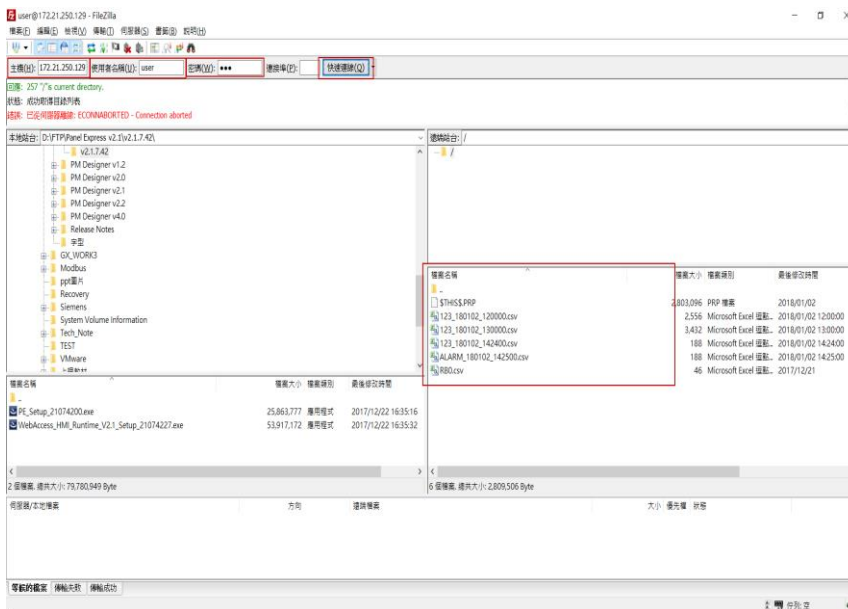


## FTP Client Setting:

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.



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

- **Pin Definition (in case of serial connection):**
  
- **Reference:**