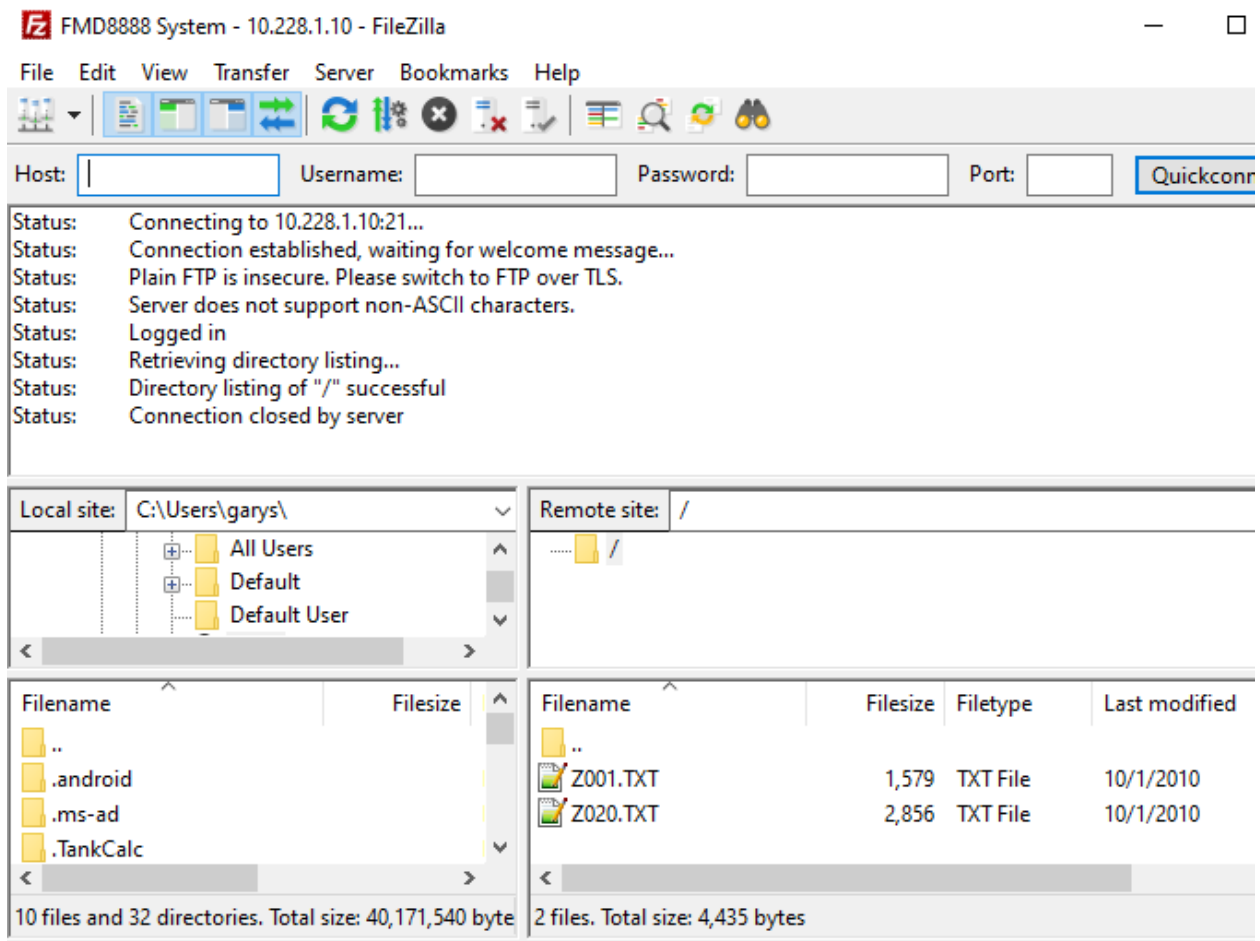


My FMD PLC is at i/P address is 10.28.1.10. The PLC is connected via an Ethernet cable to my local network.

I am using FileZilla 3.64.0. on a Windows 10 based PC. My PC I/P address is 10.228.1.54

This is the FileZila screen after a successful connection to my and directory listing of the FMD PLC:

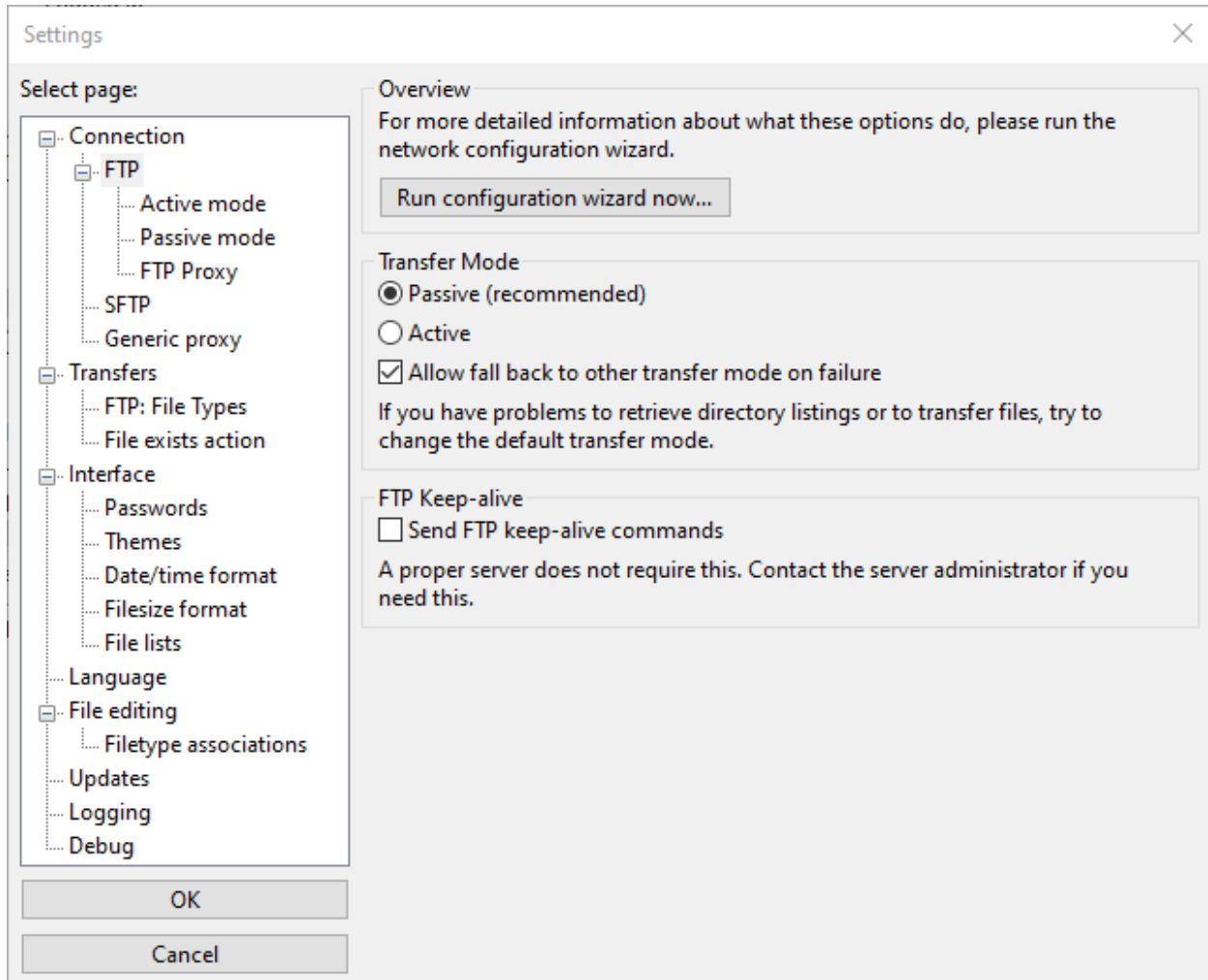


The lower right window in the display shows the directory listing from the PLC.

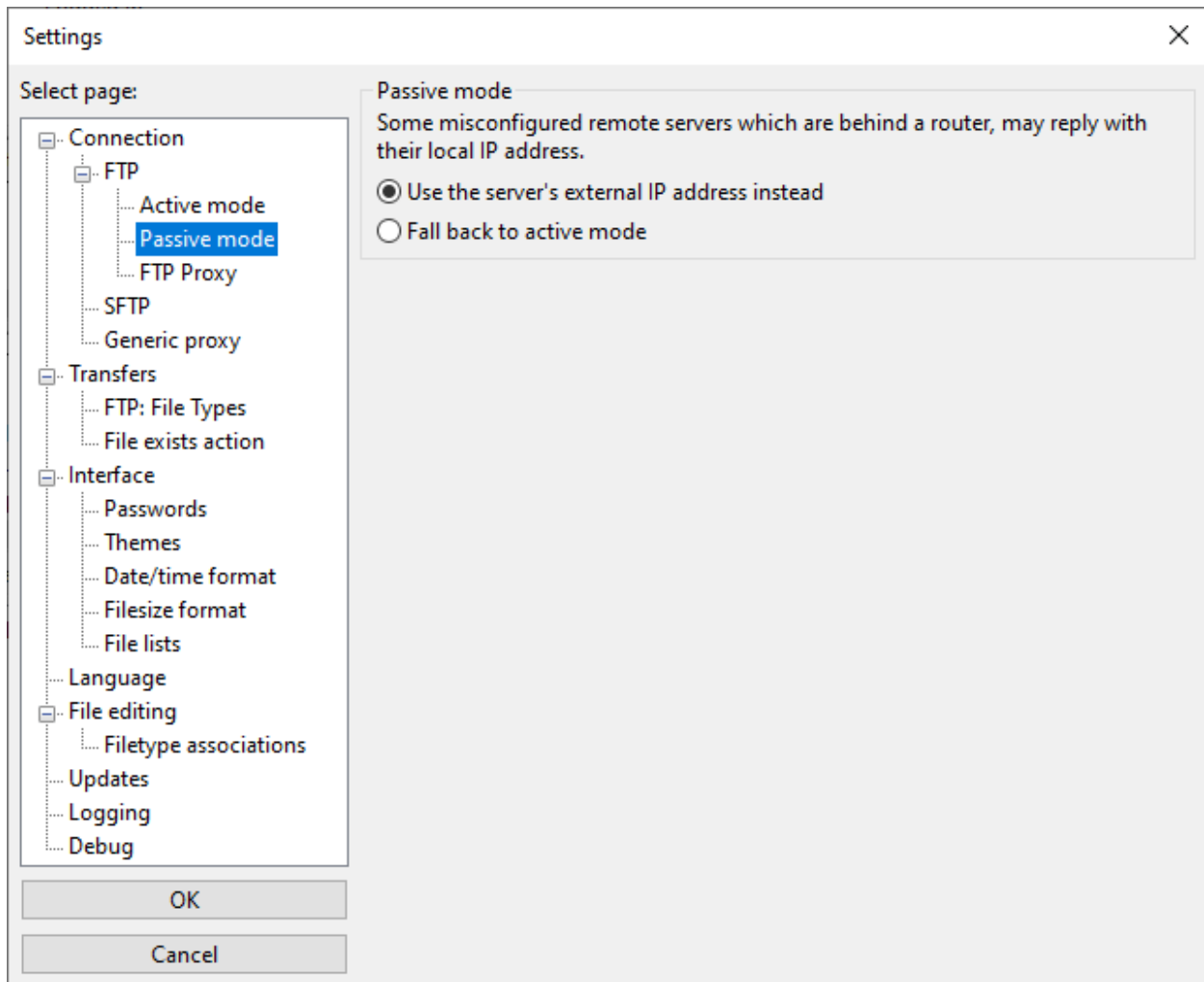
If you have both your PLC and PC connected via Ethernet cables to the same router and your I/P addresses use the same subnet, in my case 10.228.1.xxx, then you might be able to get FileZilla to work.

But you must configure FileZilla very carefully for it to work with the FMD PLCs. The PLC FTP server is very simple, very primitive and uses a very restrictive subset of FTP behaviors.

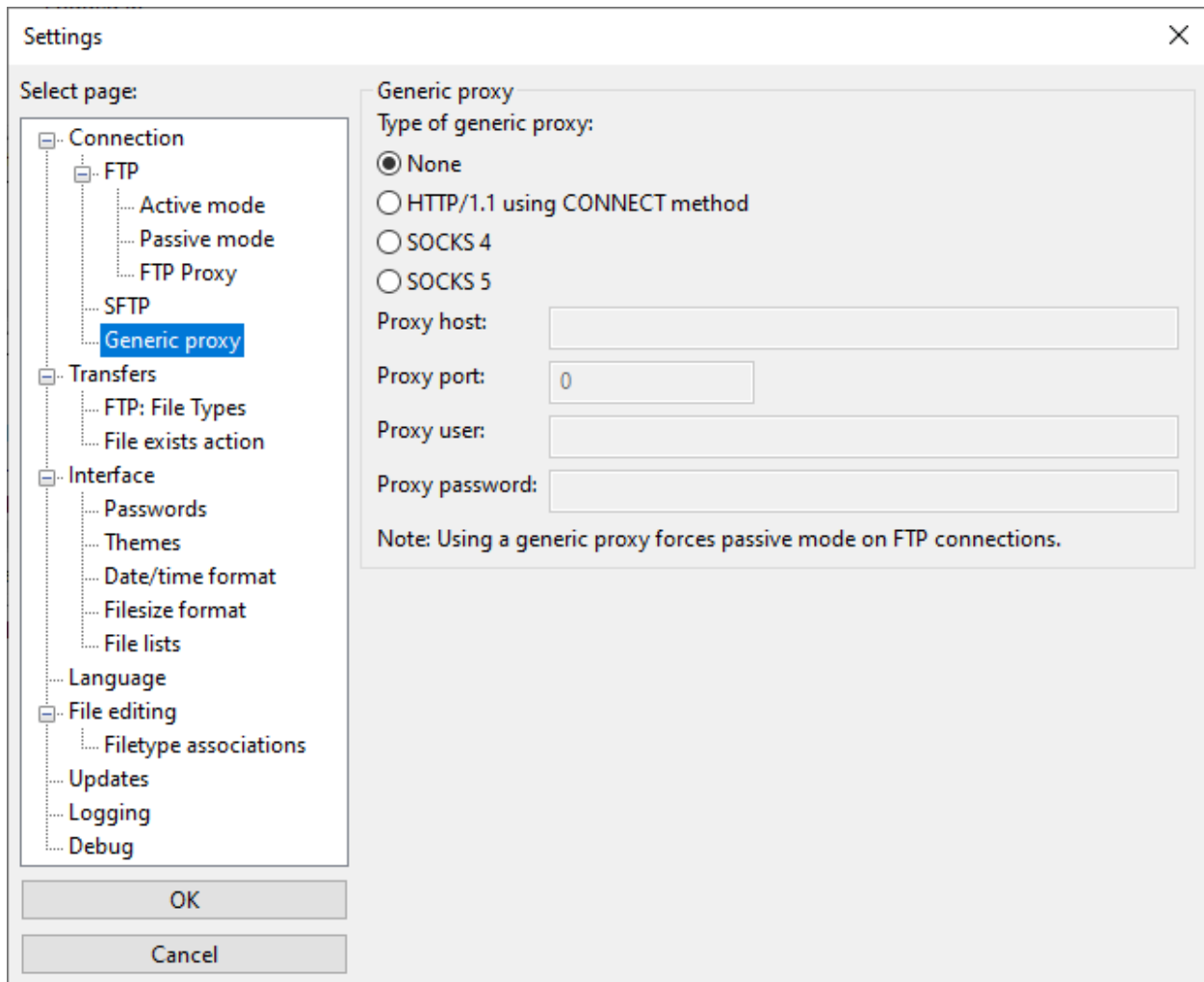
To Access the overall FTP settings click on the “Edit” tab and select the “Settings..” choice on the pulldown menu: Connection / FTP:



## Connection / Passive Mode:



Connection / Generic proxy:



## Transfers / FTP: File Types

Settings

Select page:

- Connection
  - FTP
    - Active mode
    - Passive mode
    - FTP Proxy
  - SFTP
  - Generic proxy
- Transfers
  - FTP: File Types
  - File exists action
- Interface
  - Passwords
  - Themes
  - Date/time format
  - Filesize format
  - File lists
- Language
- File editing
  - Filetype associations
- Updates
- Logging
- Debug

Generic proxy

Type of generic proxy:

☒ None

☐ HTTP/1.1 using CONNECT method

☐ SOCKS 4

☐ SOCKS 5

Proxy host:

Proxy port:

Proxy user:

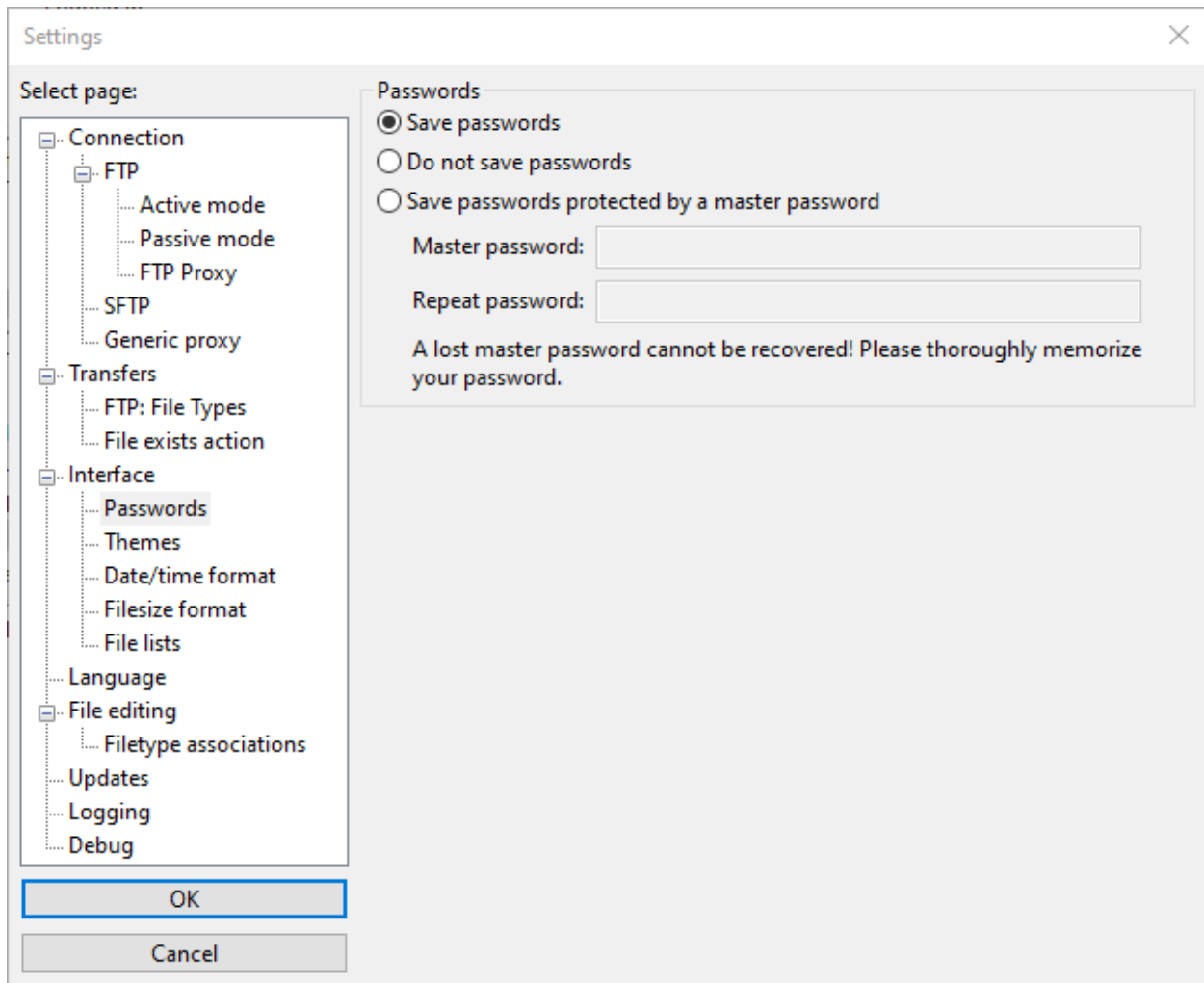
Proxy password:

Note: Using a generic proxy forces passive mode on FTP connections.

OK

Cancel

## Interface / Passwords



Connection / FTP Proxy:

The screenshot shows a 'Settings' dialog box with a tree view on the left and a main configuration area on the right. The tree view has categories: Connection, Transfers, Interface, File editing, Updates, Logging, and Debug. Under 'Connection', there are sub-items: FTP, SFTP, and Generic proxy. 'FTP' is expanded, showing 'Active mode', 'Passive mode', and 'FTP Proxy' (which is selected). The main area is titled 'FTP Proxy' and contains a 'Type of FTP Proxy:' section with five radio button options: 'None' (selected), 'USER@HOST', 'SITE', 'OPEN', and 'Custom'. Below this is a large empty text box. Further down, 'Format specifications:' are listed: '%h - Host', '%u - Username', '%p - Password', '%a - Account (Lines containing this will be omitted if not using Account logontype)', '%s - Proxy user', and '%w - Proxy password'. At the bottom of the main area are three input fields: 'Proxy host:', 'Proxy user:', and 'Proxy password:'. A note at the very bottom states: 'Note: This only works with plain, unencrypted FTP connections.' At the bottom left of the dialog are 'OK' and 'Cancel' buttons.

Settings

Select page:

- Connection
  - FTP
    - Active mode
    - Passive mode
    - FTP Proxy
  - SFTP
  - Generic proxy
- Transfers
  - FTP: File Types
  - File exists action
- Interface
  - Passwords
  - Themes
  - Date/time format
  - Filesize format
  - File lists
- Language
- File editing
  - Filetype associations
- Updates
- Logging
- Debug

FTP Proxy

Type of FTP Proxy:

- ☒ None
- ☐ USER@HOST
- ☐ SITE
- ☐ OPEN
- ☐ Custom

Format specifications:

%h - Host    %u - Username    %p - Password

%a - Account (Lines containing this will be omitted if not using Account logontype)

%s - Proxy user    %w - Proxy password

Proxy host:  Proxy user:

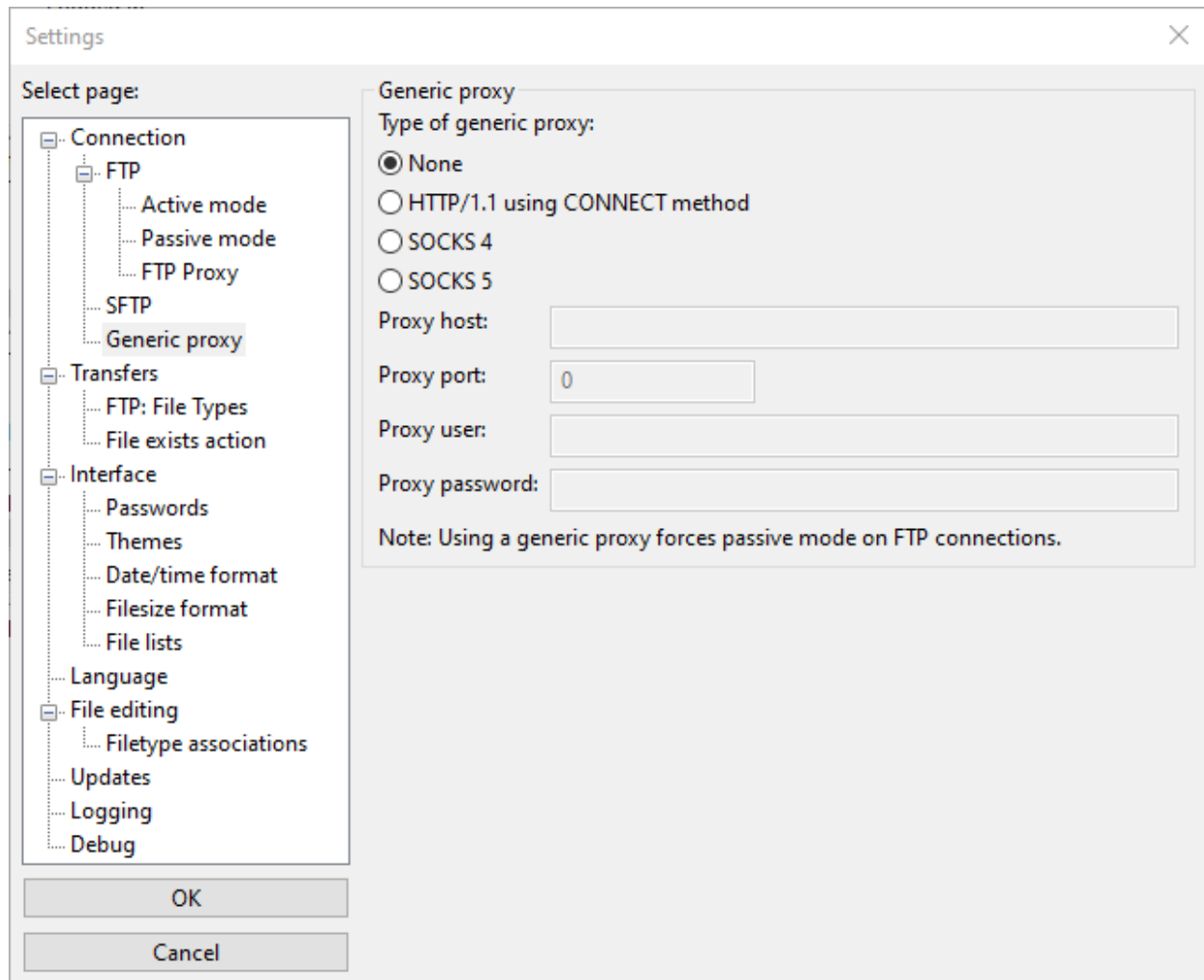
Proxy password:

Note: This only works with plain, unencrypted FTP connections.

OK

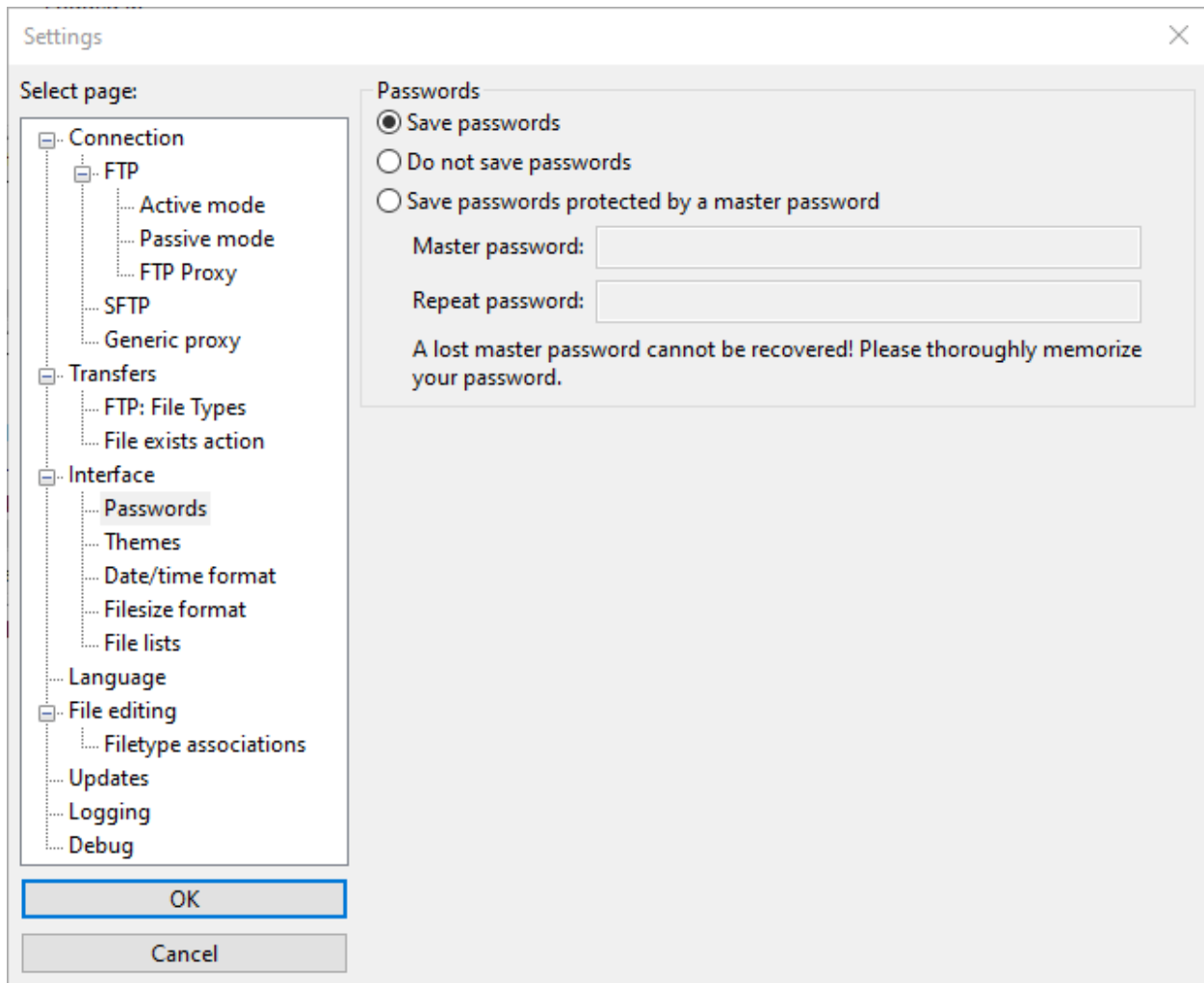
Cancel

Connection / Generic proxy:



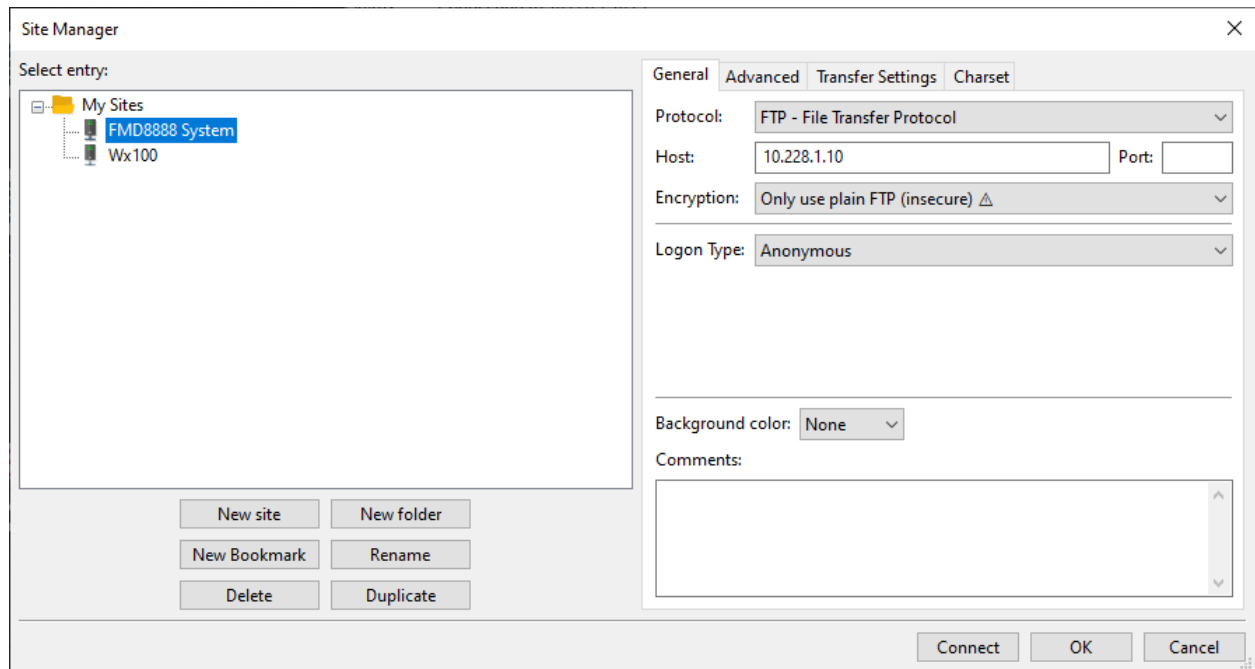


## Interface / Passwords:



I use FileZilla's Site manager. Click on the graphic of the Birds below the "File" tab. Do not click on the down arrow (filled triangle next to the birds). I have many PLC's with different IP addresses so this is where the configuration data for each connection is stored. There is a configuration wizard that helps you set up a new FTP connection, but I am going to show exactly what I setup to get FileZilla to work with my FMD888 PLC.

## General:

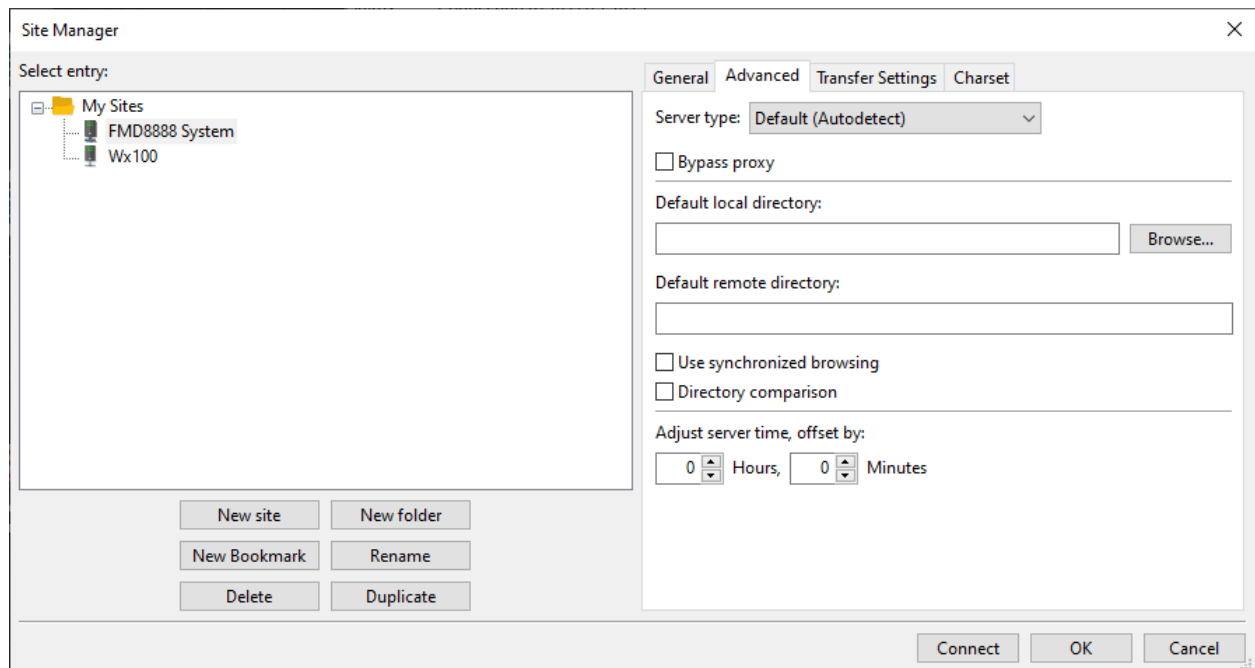


The screenshot shows the 'General' tab of the Site Manager dialog. On the left, a tree view under 'My Sites' contains 'FMD8888 System' (selected) and 'Wx100'. Below the tree are buttons for 'New site', 'New folder', 'New Bookmark', 'Rename', 'Delete', and 'Duplicate'. The right pane has tabs for 'General', 'Advanced', 'Transfer Settings', and 'Charset'. The 'General' tab contains the following settings:

- Protocol: FTP - File Transfer Protocol
- Host: 10.228.1.10
- Port: (empty)
- Encryption: Only use plain FTP (insecure) ⚠
- Logon Type: Anonymous
- Background color: None
- Comments: (empty text area)

At the bottom right are 'Connect', 'OK', and 'Cancel' buttons.

## Advanced:

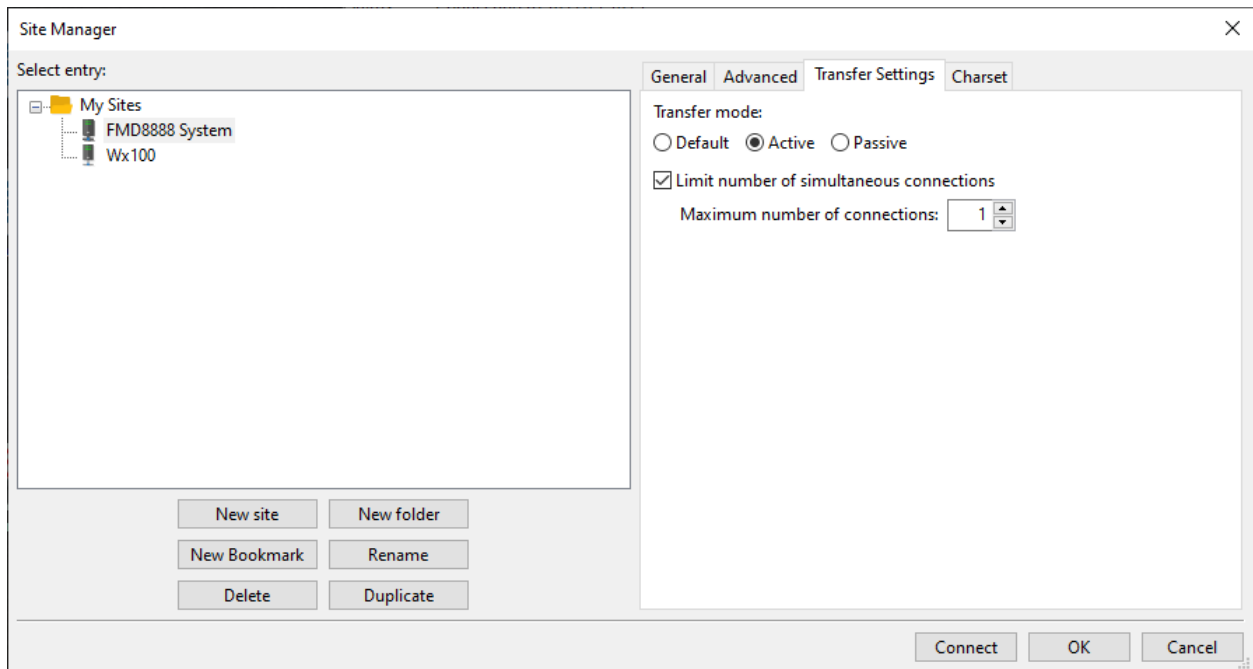


The screenshot shows the 'Advanced' tab of the Site Manager dialog. The left pane and buttons are identical to the General tab. The 'Advanced' tab contains the following settings:

- Server type: Default (Autodetect)
- ☐ Bypass proxy
- Default local directory: (empty text box) with a 'Browse...' button
- Default remote directory: (empty text box)
- ☐ Use synchronized browsing
- ☐ Directory comparison
- Adjust server time, offset by: 0 Hours, 0 Minutes

At the bottom right are 'Connect', 'OK', and 'Cancel' buttons.

## Transfer Settings:



## Charset:

