

ATX NETWORKS HFC ACCESS FILEZILLA[®] SERVER SETUP INSTRUCTIONS

1. Firmware Upgrading

The basic process for upgrade of ATX HFC Access gear is very simple and common between platforms.

- 1. Start any FTP server and put the new image files onto it.
- 2. You can create one login on this FTP server and put image files in different folders, or have multiple logins that each point to only the folder that has that products image files. It only affects how you type the path information in the interface of the device you are upgrading. You may need to add that folder name, or just enter the filename if you used unique FTP accounts per product type.
- 3. On the device to be upgraded, which is on same network as FTP server, enter in the FTP info and let the product upload.
- 4. Reboot the device if it does not do so automatically.

2. FTP Setup

- 1. Any FTP server may be used, but these instructions are for a free option that is very well known and excellent. Download and install <u>https://filezilla-project.org/download.php?type=server</u>
- 2. Run the program and set the options shown in Figure 1.
- 3. Figure 2: On the "General" tab, click "Add" and enter any user name (eg "atx-cf").
- 4. Ensure "Enable Account" is checked and add a password (eg "atx").
- 5. Download the latest product firmware files from <u>https://atx.com/services-support/resources/software-downloads/hfc-access-optical-products/</u> and unzip to the local folder of your choice (eg "c:\temp\atx firmware").
- 6. Figure 3: On the Shared Folders tab, set the home directory to the folder where you stored the new image files (eg "c:\temp\atx firmware").
- 7. All other default settings should be ok, so close all tabs and the FTP server is setup.
- Figure 4: The IP address of your FTP server is same as your laptop, so note this (use windows COMMAND + "R", then type "cmd" and Enter. This brings up windows command prompt. Type "ipconfig" and record. (eg 10.20.0.187).

Connect to Se	rver ×
Server Address:	Port:
127.0.0.1	14147
Administration password:	or
Aiways connect to this serv	
OK C	ancel

Figure 1: Default Options for FTP Server Connection



	Users	
Page: General - Shared folders - Speed Limits - IP Filter	Account settings Account settings Password: Password: Group membership: Connection count: Connection limit per IP: Force SSL for user login Add Rename	temove Copy
ОК	Description password = atx	
Cancel	You can enter some comments about the user	

Figure 2: User Setup

		Users			
age: General Shared folders Speed Limits IP Filter	Shared folders Directories H C.\temp\abx firmware	Aliases	Files ♥ Read Write Delete Append Directories Create Delete ♥ List ♥ + Subdirs Set as home dir	Users atx-cf Add Rename	Remove

Figure 3: Folder Setup



				1
Header Foot		Run ×	n Symbol	
Header (Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.	nbols	
	Open:	cmd 🗸		
ommon betwe		OK Cancel <u>B</u> rowse	Accourt	nt settings
C:4.		C:\Windows\system32\cmd.exe		- 🗆 🛛
Microsoft ⟨c⟩ 2013 M C:\Users\b Windows IF Ethernet a	windows licrosof mikkari Config dapter	Eversion 6.3.76001 t Corporation. All rights reserved. >ipconfig uration Ethernet:		
Media S Connect	tate . ion-spe			
Ethernet a	dapter	Ethernet 2:		
Connect Link-lo IPv4 Ad Subnet Default	ion-spe cal IPu dress. Mask . Gatewa	cific DNS Suffix .: pci.local 6 Address : fe80::14fa:657d:4cab: : 10.20.0.187 : 255.255.254.0 y : 10.20.1.254	eca5%9	
Wireless L	AN adap	ter Local Area Connection* 3:		

Figure 4: Check your FTP/Laptop IP Address

3. Testing the Server

- 1. The simplest method to test that your server is running is to use any web browser.
- 2. In this example, type "FTP://10.20.0.187" and you will be greeted with the login window in Figure 5.
- 3. Enter in the user account you created and password (eg "atx-cf", "atx").
- 4. Upon successful login you will see two things:
 - a) The list of files displayed as in Figure 6, which is all the images you downloaded from ATX website or emailed to you and saved in the home directory of FTP.
 - b) In the Filezilla server status window you can see activity showing login was a success.
- 5. The FTP server is ready and you should not need to change these setting again. Just download new image files as they are available and put them in the home directory.



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TX E	Banking	🗎 Home 🔅 Most Visited 🗎 Old 🗎 Personal 🗎 Technical 🖡 Coupons,	Prc
About Store	Authentication Required ×		
		ftp://10.20.0.187 is requesting your username and password.	
		User Name: atx-cf	
		Password: ••• OK Cancel	

Figure 5: Firefox® FTP Login Prompt

Index of ftp://10.20.0.187/			
1 Up to higher level directory			
Name	Size	Last M	odified
vmlinux-initrd.img.48	3931 KB	1/11/2018	4:44:00 PM
vmlinux-initrd.sum.48	1 KB	1/8/2018	5:53:00 PM
Figure 6: FTP Files for that User			
File Server Edit ?			
🧧 🗲 🛱 🐘 🕰 🦉 🕴 🖊 🕬 📰 👻			
(000001)2/2/2018 11:04:42 AM - (not logged in) (10.20.0.187)> USER anonymous (000001)2/2/2018 11:04:42 AM - (not logged in) (10.20.0.187)> 331 Password required for anon	ymous		
(000001)2/2/2018 11:04:42 AM - (not logged in) (10.20.0.187)> PASS **********************************	1		
(000001)2/2/2018 11:04:42 AM - (not logged in) (10.20.0.187)> disconnected.	000000		
(000002)2/2/2018 11:04:42 AM - (not logged iii) (10:20.0.187)> 220-FileZilla Server version 0.9.	40 beta		
(000002)2/2/2018 11:04:42 AM - (not logged in) (10.20.0.187)> 220 ATX Networks Filezilla Cont (000002)2/2/2018 11:05:42 AM - (not logged in) (10.20.0.187)> 421 Login time exceeded. Closi	ig a control connor	ation	
(000002)2/2/2018 11:05:43 AM - (not logged in) (10:20.0.187)> 421 Login unite exceeded. Closif (000002)2/2/2018 11:05:43 AM - (not logged in) (10:20.0.187)> disconnected.	ig control conner	Suon.	
(000003)2/2/2018 11:05:43 AM - (not logged in) (10.20.0.187)> Connected, sending welcome m	essage		
(U00003)2/2/2018 11:05:43 AM - (not logged in) (10.20.0.18/)> 220-Hiezilla Server version 0.9. (/000003)2/2/2018 11:05:43 AM - (not logged in) (10.20.0.187)> 220 ATX Networks Filezilla Cont	40 beta		
(000003)2/2/2018 11:06:18 AM - (not logged in) (10:20.0.187)> disconnected.	'g		
(000004)2/2/2018 11:07:27 AM - (not logged in) (10.20.0.187)> Connected, sending welcome m	essage		
(000004)2/2/2018 11:07:27 AM - (not logged in) (10.20.0.187)> 220-FileZilla Server version 0.9.	40 beta		
(000004)2/2/2018 11:07:27 AM - (not logged in) (10.20.0.187)> 220 ATX Networks Filezilia Com (000004)2/2/2018 11:07:27 AM - (not logged in) (10.20.0.187)> USER aponymous	Ig		
(000004)2/2/2018 11:07:27 AM - (not logged in) (10:20:0.187)> 331 Password required for anon	vmous		
(000004)2/2/2018 11:07:27 AM - (not logged in) (10.20.0.187)> PASS **********************************	·		
(000004)2/2/2018 11:07:27 AM - (not logged in) (10.20.0.187)> 530 Login or password incorrect			
(000004)2/2/2018 11:0/:2/ AM - (not logged in) (10:20:0.18/)> disconnected. (000005)2/2/2018 11:07:27 AM - (not logged in) (10:20:0.187)> Compacted - appdiag welcome m			
(000005)2/2/2018 11:07:27 AM - (not logged in) (10:20:0.187)> Connected, senaing welcome in (000005)2/2/2018 11:07:27 AM - (not logged in) (10:20:0.187)> 220-FileZilla Server version 0.9	40 beta		
(000005)2/2/2018 11:07:27 AM - (not logged in) (10:20.0.187)> 220 ATX Networks Filezilla Cont	ig		
(000005)2/2/2018 11:07:32 AM - (not logged in) (10 20 0 187)> USER atx-of			
(000005)2/2/2018 11:0/:32 AM - (not logged in) (10.20.0.18/)> 331 Password required for ab-cd (000005)2/2/2018 11:07:32 AM - (not logged in) (10.20.0.18/)> BASS ***			
(000005)2/2/2018 11:07:32 AM - (10:10gged iii) (10:20:0:187)> 13:33			
(000005)2/2/2018 11:07:32 AM - atx-cf (10.20.0.187)> SYST			
(000005)2/2/2018 11:07:32 AM - atx-cf (10.20.0.187)> 215 UNIX emulated by FileZilla			
(000005)2/2/2018 11:07:32 AM - abx-cf (10.20.0.187)> FEAT			
[000005]2/2/2018 11:0/:32 AM - ab-cf (10:20:0.187)> 211-readles.			
(000005)2/2/2018 11:07:32 AM - atx-cf (10.20.0.187)> REST STREAM			
(000005)2/2/2018 11:07:32 AM - atx-cf (10.20.0.187)> SIZE			
(000005)2/2/2018 11:0/:32 AM - abc-cf (10:20:0.18/)> MLST type*;size*;modify*; //000005)2/2/2019 11:07:22 AM - abc-cf (10:20:0.187)> MLST			
(000005)2/2/2018 11:07:32 AM - abccf (10.20.0.187)> UTF8			
(000005)2/2/2018 11:07:32 AM - atx-cf (10.20.0.187)> CLNT			
(000005)2/2/2018 11:07:32 AM - abx-cf (10.20.0.187i> MFMT			

Figure 7: Filezilla Server Status Window – Successful Login



4. Service & Support

4.1 Contact ATX Networks

Please contact ATX Technical Support for assistance with any ATX products. Please contact ATX to obtain a valid RMA number for any ATX products that require service and are in or out-of-warranty before returning a failed module to ATX.

TECHNICAL SUPPORT

Tel:	289.204.7800 – press 1
Toll-Free:	866.YOUR.ATX (866.968.7289) USA & Canada only
Email:	support@atx.com

SALES ASSISTANCE

Tel:	289.204.7800 – press 2
Toll-Free:	866.YOUR.ATX (866.968.7289) USA & Canada only
Email:	insidesales@atx.com

FOR HELP WITH AN EXISTING ORDER

Tel:	289.204.7800 – press 3
Toll-Free:	866.YOUR.ATX (866.968.7289) USA & Canada only
Email:	orders@atx.com
Web:	www.atx.com

4.1 Warranty Information

All of ATX Networks' products have a 1-year warranty that covers manufacturer's defects or failures.

Although every effort has been taken to ensure the accuracy of this document it may be necessary, without notice, to make amendments or correct omissions.

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