

Using WinSCP file transfer software with the 3920B



WinSCP (Windows Secure copy) is an open source SFTP and FTP client for Microsoft Windows[®]. Its main function is secure file transfer between a local and a remote computer.

The 3920B is a Linux[®] based computer so it can use this FTP client to easily move files to and from the 3920B.

Download the portable executable version of the released version of WinSCP.

WinSCP can be obtained from the following link:

http://winscp.net/eng/download.php

Find your PC's network address.

On Windows computers, press the "START"

At the "Search" prompt type "CMD"

At the "DOS" prompt type // "ipconfig" this will inform you as to the address of your PC.

🔤 C:\WINDOWS\system32\cmd.exe	
Microsoft Windows XP [Version 5.1.2600] <c> Copyright 1985-2001 Microsoft Corp.</c>	<u> </u>
C:\>ipconfig	
Windows IP Configuration	
Ethernet adapter Local Area Connection:	
Connection-specific DNS Suffix . : wic.aeroflex.com IP Address 10.200.162.50 Subnet Mask 255.255.0.0 Default Gateway 10.200.1.90	
C:\>_	
	-



On the 3920B front Panel press the "UTILS" key twice to view the drop down menu. Select "Hardware Settings" then "Network".





Make the address on your 3920B compatible with your PC's address. In the subnet mask the amount of "255" have to be equal between the 3920B and your PC.

PIERWOFK	Networking	
	ENABLED disabled	
•	DHCP	
IP 10 . 200 . 161 . 216	enabled DISABLED	
Subnet Millsk 255 0 0 Gateway 10 200 1 90 DNS 10 200 1 249	Validate Changes	
NTP Server 10, 200, 1, 28 Print Server , , ,		
outware opuate 24, 245, 110, 22	NTP Client enabled DISABLED	
	Sync NTP	
Analog Duplex VNC INT		
📾 C:\WINDOWS\system32\cmd.exe		
Microsoft Windows XP [Version 5.1.2600] (C) Copyright 1985-2001 Microsoft Corp.		<u></u>
C:\>ipconfig		
Windows IP Configuration		
Ethernet adapter Local Area Connection:		
Connection-specific DNS Suffix : wic.aeroflex.c IP Address	om	
C:∖> <u>_</u>		

For STATIC IP mode:

Enable Networking

Disable DHCP

Make the address on your 3920B compatible with your PC's address.

In the IP field, set the last digits to something different than the PC.

PC: 10.200.162.50 3920B: 10.200.162.51

The two devices must be different addresses.

Note: If on a DHCP network, the network server will assign an IP address to both the PC and the 3920B. For this type of connectivity, simply Enable DHCP on the 3920B.



Session		New
Stored sessions		
Logging		Edit
Environment		
Directories		Delete
SFTP		
SCP/Shell		Rename
Connection		
Proxy		New folder
····· Tunnel		
SSH		Set defaults
Key exchange		
Authentication		Shell icon
Bugs		
Preferences		
		Tools
Advanced options		10013
About	Login Save	Close
Languages	Login Save	Close

VIAVI

Select New to configure a new session.

JESSION	Session	
Stored sessions	Host name: Port number:	
[!] Logging	10.200.136.95 22 🚍	
Environment		
Directories	User name: Password:	
····· SCP/Shell	user_3900	
Proxy	Private key file:	4
SSH		
Key exchange	Protocol	· ·
Bugs		
Preferences		
		1
	Select color	
Advanced options	Select color	
Advanced options	Select color	
Advanced options	Select color uages Login Save Close	
Advanced options	uages Login Save Close	
Advanced options	uages Login Save Close	
Advanced options	Login Save Close <u>Save session as:</u> 3920	
Advanced options	Login Save Close Select color Close Save session as: 3920 ☑ Save password (not recommended)	

- Set Host name to the same IP address as the 3920B.
- 2. Set the User name to user_3900.
- Set the Password to 3900.
- 4. Set the File protocol to SCP.

Help

5. Save this configuration for future use.



1. Select Login

Local Mark Files Commar	nds Session Options Remote H			
1 🐢 🔤 🖬 🔺 🖽 🖏	🕂 🏧 🚱 🐔 🖽 🗔	Ø Ø Ø Default	· · · · · · · · · · · · · · · · · · ·	
🥪 C: 🛛 🔻 😓 🖕 🔸	ə 🛛 🔝 🔝 🙆 📴	🗀 user_3900 🔹 😁) (+ + + + 🖻 🗖 🚮 💋 🦹	3
C:\WinSCP Files		/home/user_3900		
Name Ext 🛎	Size Type	Name 🔶 Ext	Size Changed	
E	Parent directory	E	3/30/2009 6:17:02 PM	
		Aiqfiles	3/30/2009 6:17:02 PM	
		AudioAnlzLimits	3/30/2009 6:17:02 PM	
		AutoTest_I	3/30/2009 6:17:02 PM	
		AutoTest_II	3/30/2009 6:17:02 PM	
		P25_systemplan	4/15/2009 9:23:49 PM	
		Screens	3/30/2009 6:17:02 PM	
		Stores	4/15/2009 9:49:20 PM	
		TETRA_BS_DataDisplay	3/30/2009 6:17:02 PM	
			3/30/2009 6:17:02 PM	
			2009 6:17:02 PM	
Local computer		TETRA DM bistory	3/3 5:17:02 PM	
directory		TETRA MS DataDisplay	3/30/2 02 PM	
airectory		TETRA MS history	3/30/200	
		TETRA MS T1 DataDisplay	3/30/2009 6	
		.bash history	1,290 3/30/2009 6:17.	
		.bashrc	166 3/30/2009 6+17:02	
			3920E	s user acces
				files
				mes
		0 B of 1 456 B in 0 of 17		
	BE CORV IS ES Mayor AN F	Create Directory V 50 Delete	🖉 E0 Drapartian 💼 E10 Quit	
i i Przkename rzkename	e≝ ro copy≝ ro move 💁 F.			
			🔒 SCP 🗐 0:01:59	h.

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3920B File Areas:

Aiqfiles – Storeage area if files created with IQ Creator software. This is a part of 390XOPT54.

AudioAnlz Traces – Storage area for Audio Analyzer trace files. This is a part of 390XOPT55.

Auto-Test_I – Storage area for the original Auto-Test scripts.

Auto-Test_II – Storage area for Auto-Test II scripts and results files. You will need to drill down to your radio of interest. For example: Auto-Test II/Scripts/Kenwood NX/Results

P25_systemplan – Storage area for P25 Trunking System plans. This is a part of 390XOPT201.

Screens – Stored screen images.

System Log – Segment fault and TCL error logs.



To backup or copy files, simply drag and drop files or directories from one side to another.



Contact Information

For information about pricing for our products, contact the sales office by calling VIAVI Solutions at (800) 835-2352 or emailing <u>AvComm.Sales@viavisolutions.com</u>.

For technical/product support, calibration, maintenance and general customer service inquiries, you can contact our help desk by <u>clicking here</u>, calling (800) 835-2350, or emailing <u>Service.Americas@aeroflex.com</u>.

<u>Click here</u> for more information on the 3920B and latest software versions and training materials.

The 3920B Radio Test Set

