

Test Documentation

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Test Number	Test Description	Input	Expected Results	Results
1	Attempt to setup socket to listen for tcp packets	Enter the comp IP address as the IP address and select "tcp" as protocol and select "server" and select a file to write to	The window title will display "connected" with no error messages	Pass
2	Attempt to setup socket to listen for udp packets	Enter the comp IP address as the IP address and select "udp" as protocol and select "server" and select a file to write to	The window title will display "connected" with no error messages	Pass
3	Attempt to send tcp packets through socket	Enter the server computer IP address as the IP address and select "tcp" and "client". Select a file to read from and click "Connect"	The server side will display "disconnected" as the window title after the file has finished writing data to the file with transfer stats in the file	Pass
4	Attempt to send udp packets through socket	Enter the server computer IP address as the IP address and select "udp" and "client". Select a file to read from and click "Connect"	The server side program will exit after the file has finished writing data to the file with transfer stats in the file	Pass
5	Attempt to connect to invalid or empty ip address	Enter "231.43.45.23" and as the ip address and click "Connect"	An error message will display stating "Can't connect to server"	Pass
6	Attempt to "Connect" without selecting a file	Enter a valid IP address and do not select a file. Click "Connect"	An error message will display stating "Open file failed"	Pass
7	Attempt to send two files through tcp protocol	Send a file through tcp successfully and then reconnect server and attempt to send another	Both transfers should exit successfully and the second transfer will overwrite the server file contents if the file selected is not changed	Pass

Test Screenshots

Test 1

Figure 1.1

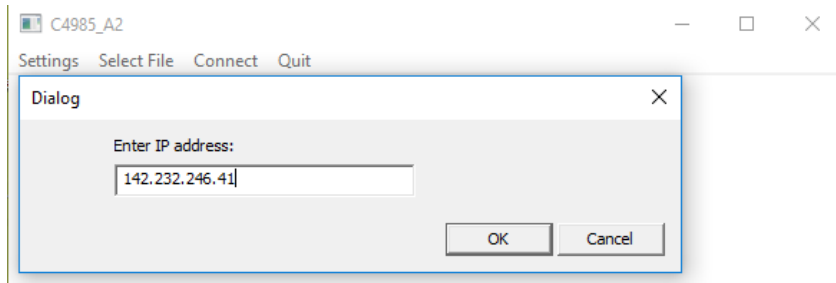


Figure 1.2

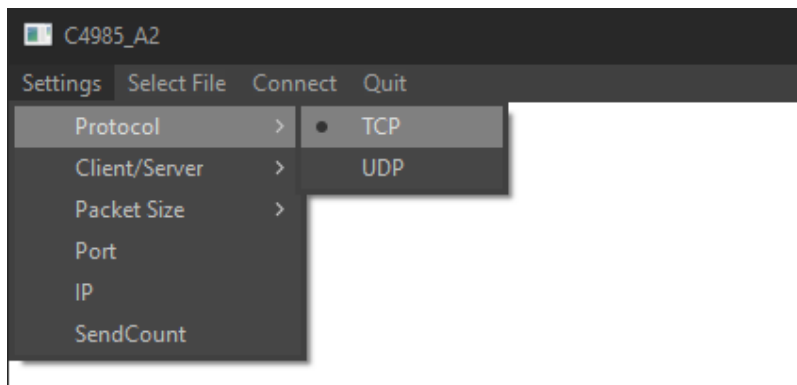
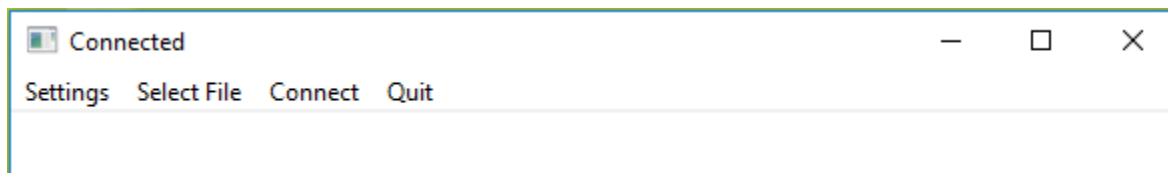


Figure 1.3



Test 2

Figure 2.1

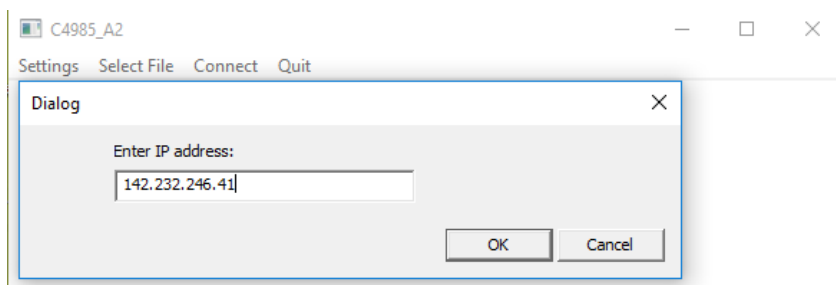


Figure 2.2

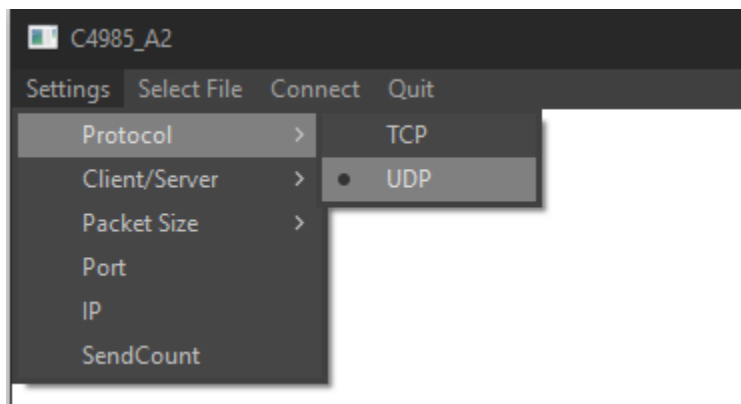
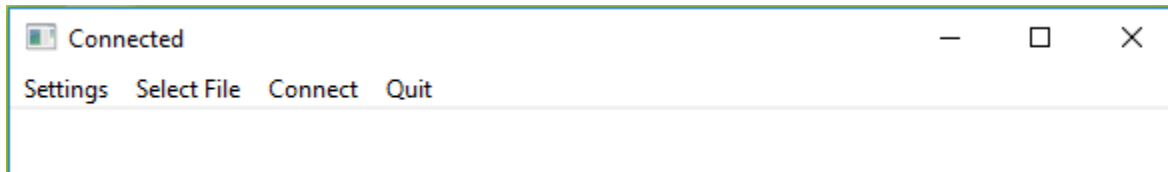


Figure 2.3



Test 3

Figure 3.1

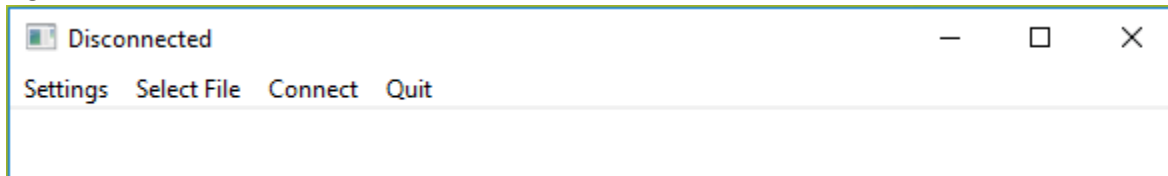


Figure 3.2

```
what is up sdfsf  
bruhasdasdsafasfdsfafda  
  
Start Time 27:14.055  
End Time 27:14.481
```

Test 4

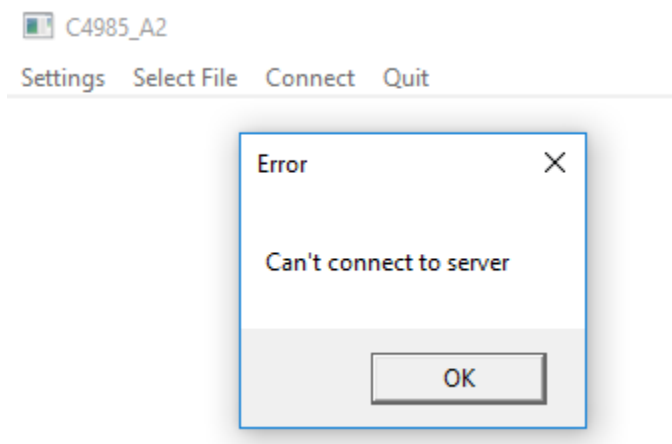
Figure 4

```
222222222
aaaaaaaaa
bbbbbbbbb
```

```
Start Time 29:18.571
End Time 29:18.576
```

Test 5

Figure 5



Test 6

Figure 6

