

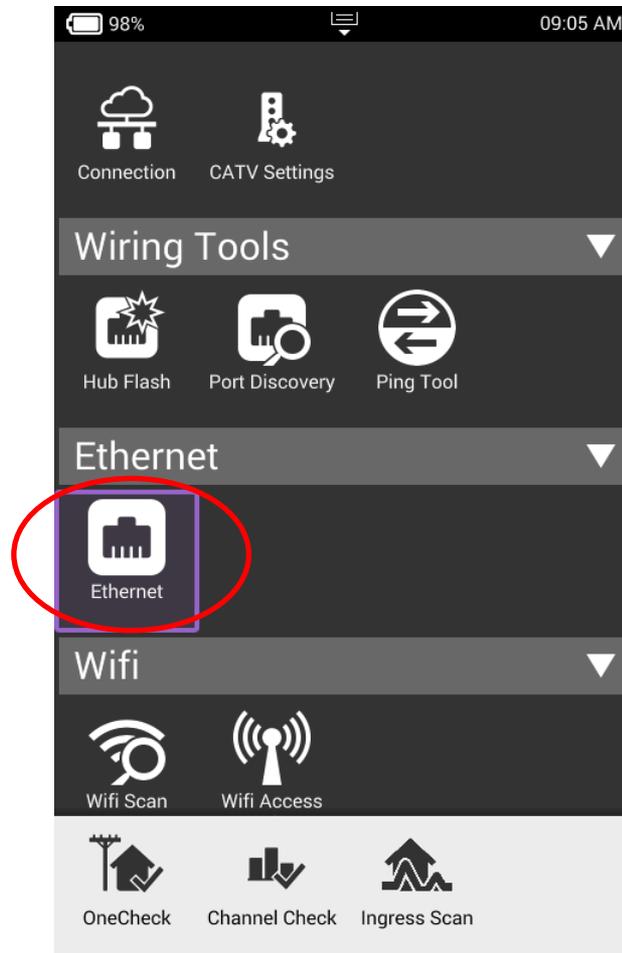
Setting up HTTP speedtest on Ethernet on ONX

10.28.2015

Setting Up the Test

Choose Ethernet Test

Select the Ethernet Icon from home screen



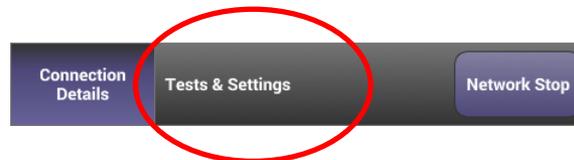
Ethernet connection details

This screen shows the active Ethernet connection details

The screenshot shows an Ethernet connection interface. At the top, it displays 'Ethernet' with a home icon. Below this, there are two network status indicators: '2 Link Down' and '1 Link Up Up/1000M/Full'. A table lists network configuration details: Address (192.168.100.21), Netmask (255.255.255.0), Gateway (192.168.100.1), and DNS (4.2.2.1). Below the table, there are three columns: Network, Packets, and Link. The 'Network' column shows 'Up' with a green bar. The 'Packets' column is empty. The 'Link' column shows 'Up' with a green bar. Below this, there are two sections: 'MAC Address' (00:07:11:08:8d:3f) and 'IPv4' (Up). The 'IPv4' section lists Address (192.168.100.21), Netmask (255.255.255.0), Gateway (192.168.100.1), and Primary DNS (4.2.2.1).

| Network | Packets | Link |
|----------------|---------|-------------------|
| Network | | Up |
| MAC Address | | 00:07:11:08:8d:3f |
| IPv4 | | Up |
| Address | | 192.168.100.21 |
| Netmask | | 255.255.255.0 |
| Gateway | | 192.168.100.1 |
| Primary DNS | | 4.2.2.1 |

Select the Tests & Settings softkey



Choose the Test to run or configure

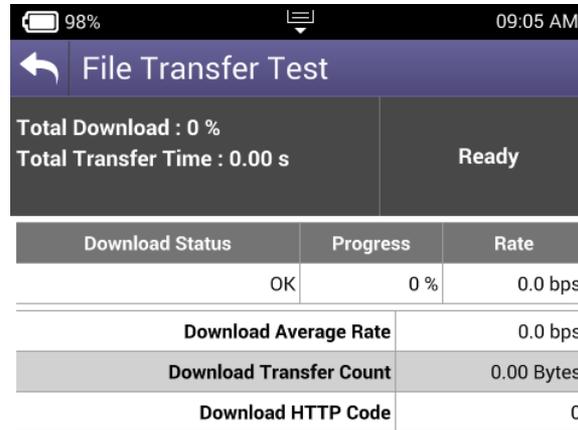
Select the
FTP/HTTP Icon

The screenshot displays a network configuration screen for an Ethernet interface. At the top, the status is 'Network Up'. Below this, a table lists network parameters:

| | |
|---------|----------------|
| Address | 192.168.100.21 |
| Netmask | 255.255.255.0 |
| Gateway | 192.168.100.1 |
| DNS | 4.2.2.1 |

The 'Setup' section includes buttons for 'Ethernet Settings', 'Save', 'Load', and 'Delete'. The 'Test' section features several icons: 'Ping', 'FTP/HTTP' (circled in red), 'TrueSpeed', 'Video', and 'Web Browser'. At the bottom, there are tabs for 'Connection Details', 'Tests & Settings', and a 'Network Stop' button.

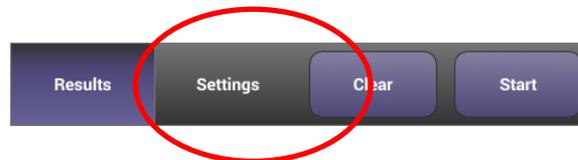
Access the tests settings



The screenshot shows a mobile application interface for a 'File Transfer Test'. At the top, there is a status bar with 98% battery, a signal strength icon, and the time 09:05 AM. Below the status bar is a header with a back arrow and the title 'File Transfer Test'. The main content area displays 'Total Download : 0 %' and 'Total Transfer Time : 0.00 s' on the left, and a 'Ready' status on the right. Below this is a table with three columns: 'Download Status', 'Progress', and 'Rate'. The table contains one row with values 'OK', '0 %', and '0.0 bps'. Below the table are four summary rows: 'Download Average Rate' (0.0 bps), 'Download Transfer Count' (0.00 Bytes), and 'Download HTTP Code' (0).

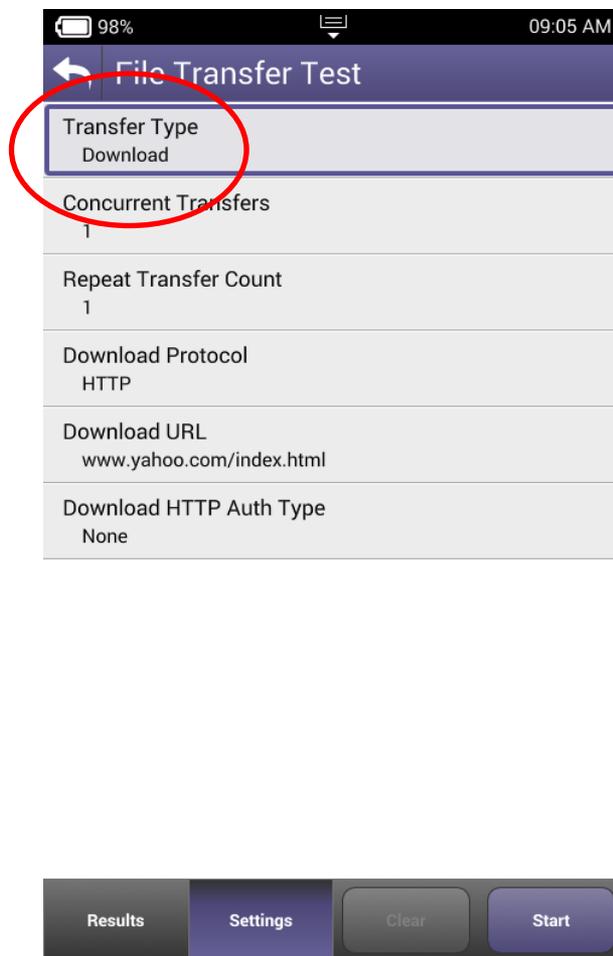
| Download Status | Progress | Rate |
|-------------------------|----------|------------|
| OK | 0 % | 0.0 bps |
| Download Average Rate | | 0.0 bps |
| Download Transfer Count | | 0.00 Bytes |
| Download HTTP Code | | 0 |

Select the
Settings softkey



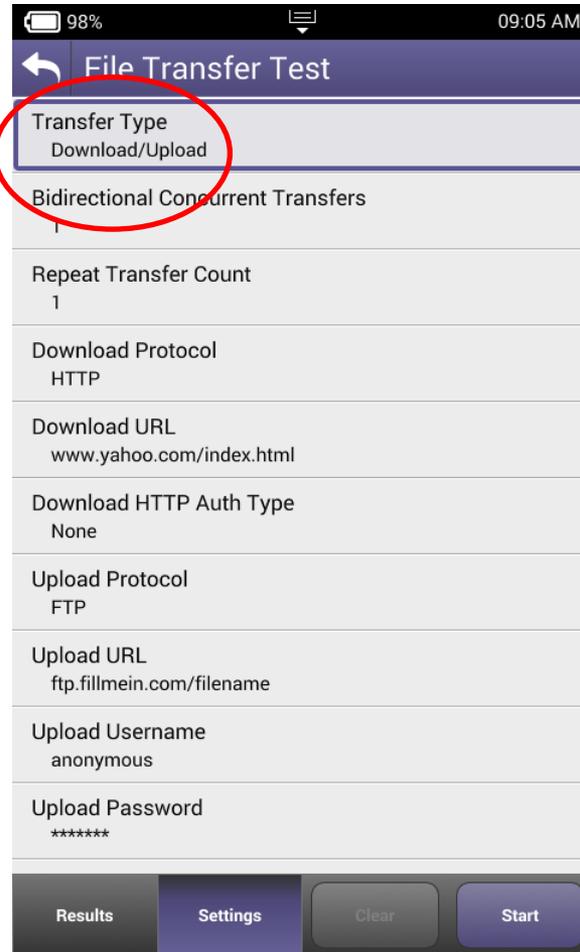
Choose the transfer type

Select the Transfer Type selection



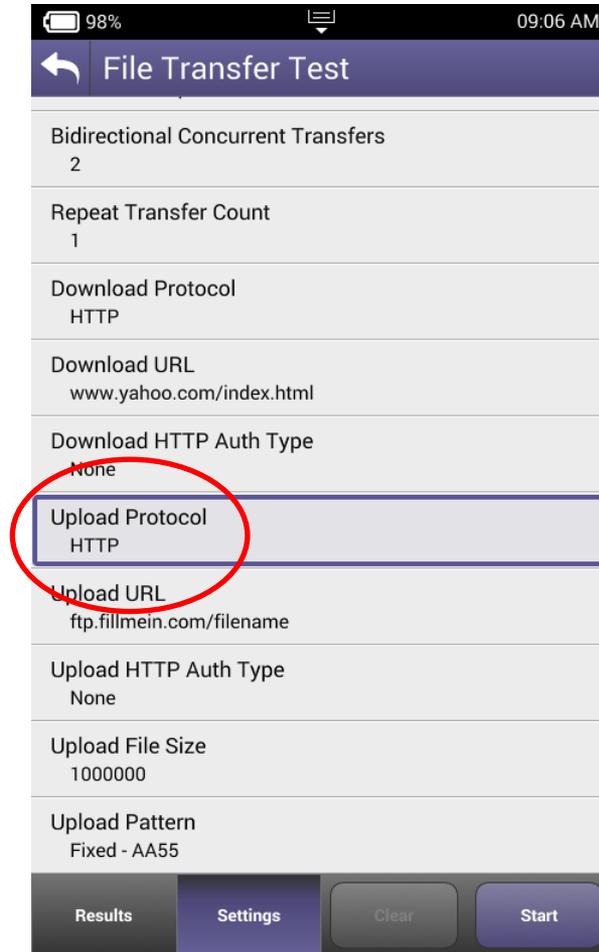
Choose the transfer type

Choose Download/Upload for a bi-directional test



Select the upload protocol

Select the Upload Protocol and choose HTTP



Input the server information

Select the Download URL selection:

Input the url address with the download file at end of name:

Note: the server location and performance is often the determining factor for your results.

Select the Upload URL selection:

Input the url address of the upload server. This may be different than the download server

The screenshot shows the 'File Transfer Test' settings screen. The settings are as follows:

- Transfer Type: Download/Upload
- Bidirectional Concurrent Transfers: 2
- Repeat Transfer Count: 1
- Download Protocol: HTTP
- Download URL: http://CATVSpeedTest.viavisolutions.com/bigfile.zip
- Download HTTP Auth Type: None
- Upload Protocol: HTTP
- Upload URL: http://CATVSpeedTest.viavisolutions.com
- Upload HTTP Auth Type: None
- Upload File Size: 1000000

At the bottom, there are four buttons: Results, Settings, Clear, and Start. The Start button is highlighted with a red circle.

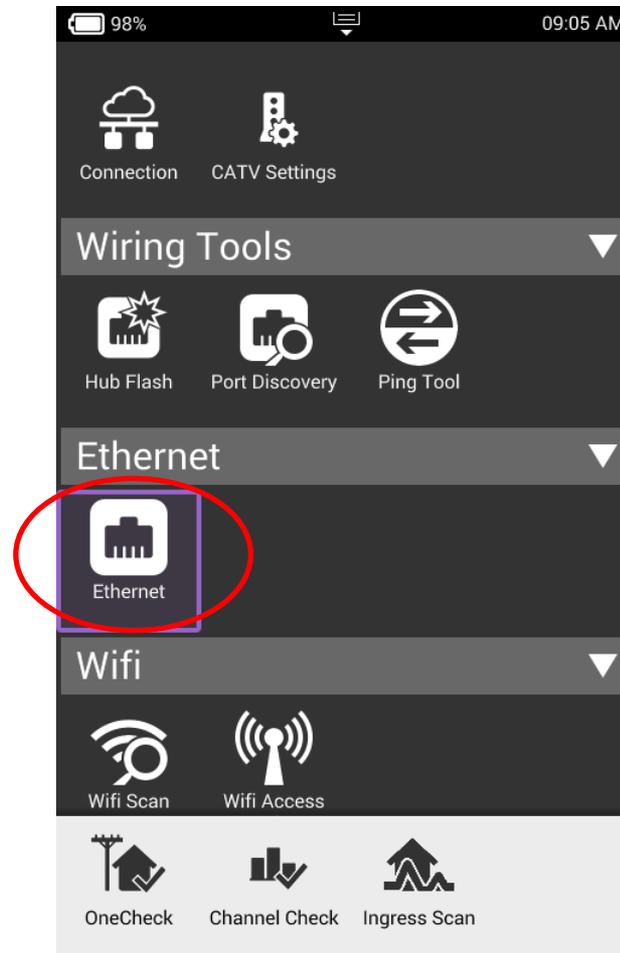
Select the Bidirectional Concurrent transfers selection:
Choose 2 for highest throughput testing

Press the Start softkey to initiate the test

Running Throughput After being configured

Choose the Ethernet tests

Select the Ethernet Icon from home screen



Choose tests & settings from Ethernet connection screen

The screenshot displays the Ethernet connection interface. At the top, it shows 'Ethernet' with a home icon. Below this, there are two network status indicators: '2 Link Down' and '1 Link Up Up/1000M/Full'. A table provides network configuration details:

| Network Up | |
|------------|----------------|
| Address | 192.168.100.21 |
| Netmask | 255.255.255.0 |
| Gateway | 192.168.100.1 |
| DNS | 4.2.2.1 |

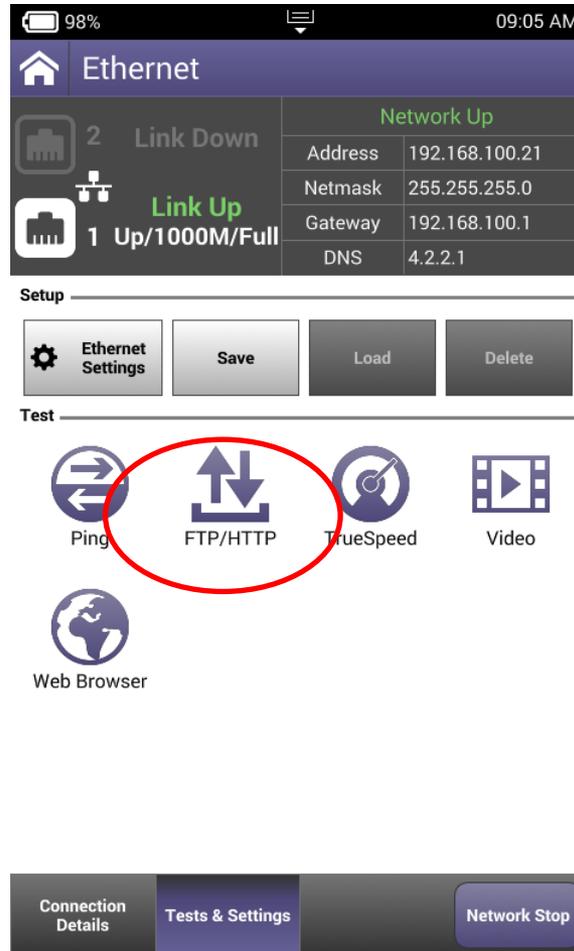
Below the table is a summary table with columns for Network, Packets, and Link:

| Network | Packets | Link |
|----------------|---------|-------------------|
| Network | | Up |
| MAC Address | | 00:07:11:08:8d:3f |
| IPv4 | | Up |
| Address | | 192.168.100.21 |
| Netmask | | 255.255.255.0 |
| Gateway | | 192.168.100.1 |
| Primary DNS | | 4.2.2.1 |

At the bottom, a navigation bar contains three buttons: 'Connection Details', 'Tests & Settings' (circled in red), and 'Network Stop'.

Select Test and Settings

Choose the FTP/HTTP file transfer test



Select FTP/HTTP
Icon

Run the test

| Download Status | Progress | Rate |
|--------------------------------|----------|------------|
| OK | 0 % | 0.0 bps |
| OK | 0 % | 0.0 bps |
| Download Average Rate | | 0.0 bps |
| Download Transfer Count | | 0.00 Bytes |
| Download HTTP Code | | 0 |
| Download HTTP Code (2) | | 0 |
| Upload Status | Progress | Rate |
| OK | 0 % | 0.0 bps |
| OK | 0 % | 0.0 bps |
| Upload Average Rate | | 0.0 bps |
| Upload Transfer Count | | 0.00 Bytes |
| Upload HTTP Code | | 0 |
| Upload HTTP Code (2) | | 0 |

Press Start softkey



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