sniffter100

hand-held network tester

Easier. Faster. Smaller.

Troubleshoot broadband Internet installations quickly and easily with the Sniffter.

The Sniffter Network Tester is a hand-held, rechargeable TCP/IP network tester targeted toward broadband Internet technicians and corporate IT departments. It can quickly isolate connectivity problems, and confirm Internet availability at any network jack.

Easier, faster and smaller than a laptop (not to mention, less expensive), the Sniffter provides technicians with the information they need to get the job done.

To Buy A Sniffter contact us at

sales@tomlogic.com
or call 707 265 6622
www.sniffter.com

The Sniffter is a hand-held, rechargeable TCP/IP network tester with additional features related to installing high-speed Internet services.

- Quickly tests and troubleshoots TCP/IP Ethernet networks.
- Tests networks at multiple locations to isolate problems.
- Emulates a DHCP server for testing the PC NIC.
- Identifies whether the problem is with the network or the computer.
- Checks wiring with built-in cable tester and tone generator.
- Provides quick, concise information to help the tech do his job.

It helps pinpoint network line trouble and CPE equipment failure in a very timely manner. It takes minutes now to troubleshoot a DSL problem instead of an 1/2 hour to 1 hour. My conclusion is you have come up with a very nice piece of testing equipment which saves us time and money.

- Toby Hermel - ***Customer Service Technician***

Although it's powerful and useful straight out of the box, our ability to customize the Sniffter to fit your needs makes it an invaluable tool that techs won't leave in their truck. With a full TCP/IP stack and 115kbps serial port, the Sniffter can talk to almost anything.

```
Link: yes
Lease exp:167:59:59
IP Address:
     130.13.135.179
Subnet Mask:
      255.255.255.0
Default Gateway:
        130.13.171.1
Name Servers (DNS):
          192.168.3.1
         206.80.192.1
         204.147.80.5
DHCP Server:
          192.168.3.1
Domain Name:
            qwest.net
Host Name:
                <none>
◀ Exit          Renew ▶
```

Network Settings

```
Ping:130.13.135.1
Tx:    100 Rx:     99
Min:    38 Max:   141
Avg:    42 Loss:    1%
```

Ping Test

```
    [Speed Test]
Downloading file...
|||||||||||        | 749kbps
◀ Abort
```

Speed Test

```
   [PC NIC Test]
Test complete. PC
config tests good.
MAC ID: 0123456789AB
```

PC NIC Test

For example, we have customized the Sniffter for Next Level's VDSL networking equipment by interfacing to their VDSL Verification Unit (field testing tool) and Etherset (CPE) to display up/downstream rates and SNRs, provide firmware updates and allow for VVU configuration. Additionally, technicians can use the Sniffter to factory reset a Residential Gateway (set-top box) in seconds instead of minutes.

```
VVU Status   03:22   |
 Link:||||||||||||||||| (16)
Up:2.160Mbps 33 dB
Dn: 8.80Mbps 33 dB
Uncorr: 0
  Corr: 3
```

VVU Status

```
VVU Configuration
255.4 Mar 15 2001
Modem ver: 5.00.0.6
Now: RG2000 ▶=old/K2
```

VVU Configuration

```
 [VDSL Information]
◀Exit]
Up: 1400000bps 32dB
Dn: 3520000bps 33dB
Chip Rev: 6011
Uncorrect    3080301
  Correct    2905034
Not Frozen: 11020
FS Lost: 239452
Loss >600ms: 2
Recovered: 1
ACGI: f9a7810c
```

Etherset Status

Information displayed on the Sniffter's backlit 4x20 LCD display.

www.sniffter.com
[p] 707 265 6622
[f] 707 265 6646
[e] sales@tomlogic.com