



Mobile TD/TTC/LTE

PC Tools for TD/TTC/LTE

NetMonitor User Guide

V1.0

Document Conventions



Note: Provides related information or information of special importance.



Caution

Caution: Indicates potential damage to hardware or software, or loss of data.



Warning: Indicates a risk of personal injury.

Document Status

Doc Status: NetMonitor User Guide

Technical Publication:

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1 前言

CATStudio NetMonitor 模块用于获取和播放网卡的流量。

CATStudio Online mode: 用于每秒获取网卡的进出流量，实时显示流量统计信息，并绘制出流量的波形图。

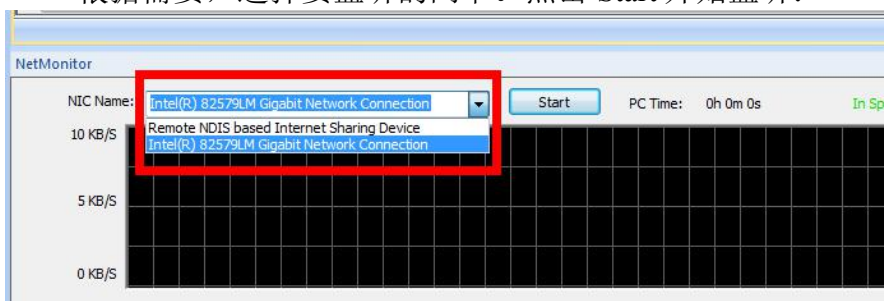
CATStudio Offline mode: 用于播放离线 log 中网卡流量的信息，实时显示流量统计信息，并绘制出流量的波形图。

- 在准备播放前，用户可以通过 log 的 Index 指定播放的范围。
- 在播放停止时，用户可以两次点击绘图，计算该时间段的平均流量。

2 Online mode 下的使用用法

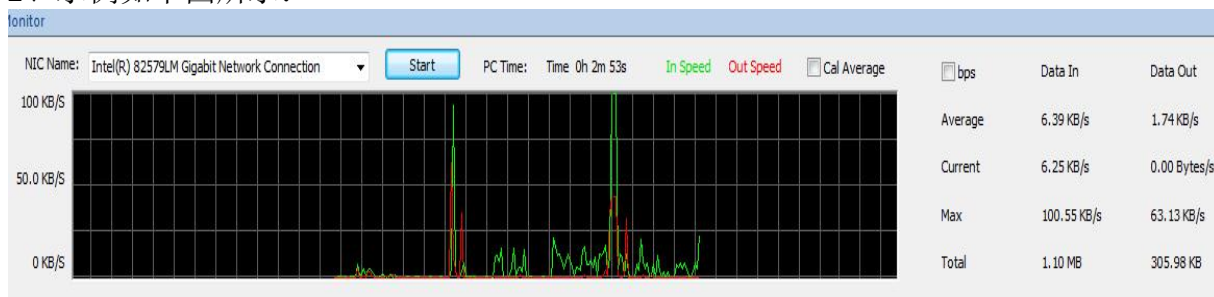
2.1 选择要监听的网卡

- 1、 打开 CATStudio，选择 online 模式。在 Modules 里选择 NetMonitor;
- 2、 NetMonitor 会在下拉菜单中显示当前 PC 的网卡。
- 3、 根据需要，选择要监听的网卡。点击 Start 开始监听：



2.2 监听网卡流量

- 1、 显示如下信息：网卡名称、监听时间、平均/当前/最大/流量值等。
- 2、 示例如下图所示：



2.3 bps 切换

- 1、 默认流量单位是 Byte:

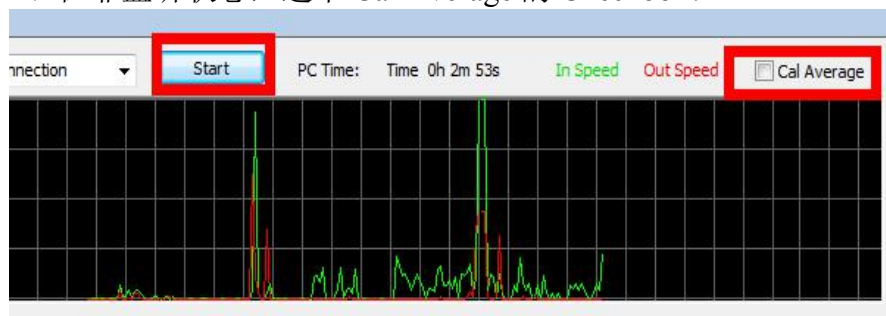
☐ bps	Data In	Data Out
Average	2.46 KB/s	657.00 Bytes/s
Current	42.78 KB/s	8.99 KB/s
Max	42.78 KB/s	11.00 KB/s
Total	430.02 KB	112.41 KB

2、选择 bps 后，流量单位为 bit:

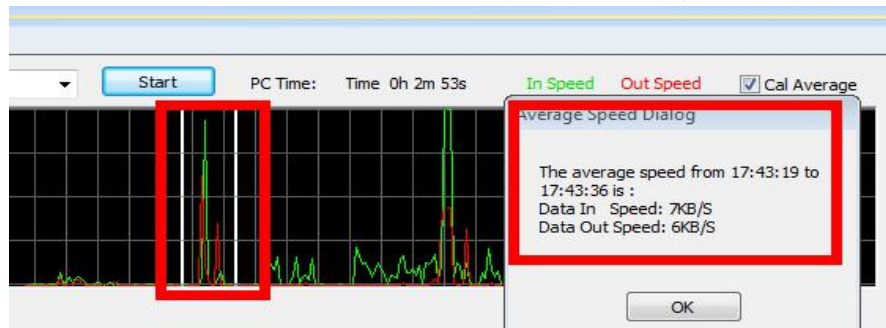
☒ bps	Data In	Data Out
Average	19.83 Kbit/s	7.56 Kbit/s
Current	77.33 Kbit/s	88.00 Kbit/s
Max	77.33 Kbit/s	88.00 Kbit/s
Total	1.07 Mbit	416.09 Kbit

2.4 Calculate Average

1、在非监听状态，选中 Cal Average 的 Checkbox:



2、通过鼠标左键，选择范围。选择完成后，会弹出对话框，如下图所示:

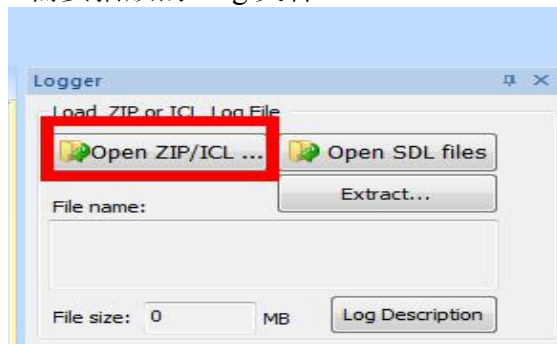


3

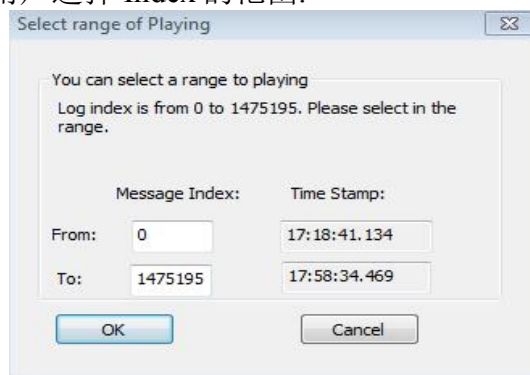
Offline mode 下的使用用法

3.1 选择要监听的网卡

- 1、打开 CATStudio，选择 offline 模式。在 Modules 里选择 NetMonitor;
- 2、通过 Logger，load 需要播放的 Log 文件



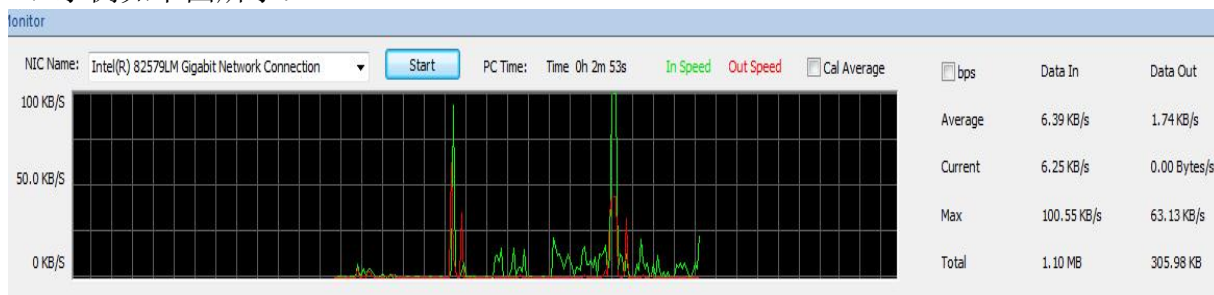
- 3、点击 Start，会让用户选择 Index 的范围.



- 4、用户点击 OK 后，开始播放.

3.2 播放 Log 中网卡流量的部分

- 1、示例如下图所示:



3.3 bps 切换和 Cal Average

- 1、该功能和 online 下的功能一致.

4 Appendix

4.1 Report issues

Please visit webs: <http://support.asrmicro.com>.

Or contact ASR FAE/AE

Or please send email to lianghuxu@asrmicro.com with "PC Tools User Doc Issue/Update: ..." title

Or submit an issue at CQ web: <http://sh2-cq01.asrmicro.com/cqweb/login>.

4.2 Update this document

Please send updated document to lianghuxu@asrmicro.com with "PC Tools User Doc Issue/Update: ..." title for merging, and you will receive merged latest version.

4.3 Revision History

Rev	Description	Date
1.0	Initial version.	2015/01/08