



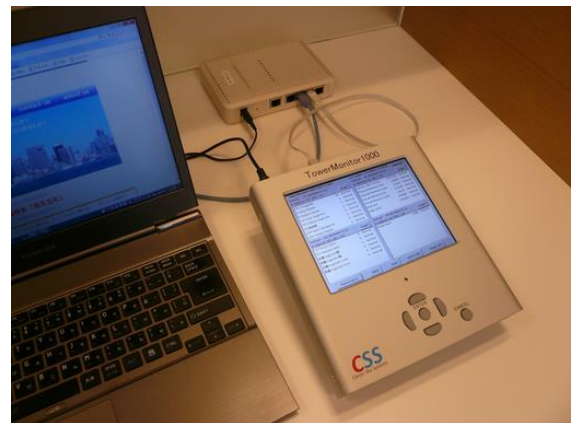
## Network Diagnostic Analyzer TowerMonitor1000

- Do you have any problem about your cloud systems?  
ex. Response down or No response.
- How do you analyze of the server or network trouble?

Network Diagnostic Analyzer  
TowerMonitor1000



Small and Portable



- TowerMonitor1000 enables customers cleverly and clearly to see your network in the cloud.
- TowerMonitor1000 is effective to the system analysis of real-time systems, such as a teleconference.

# TowerMonitor1000

- Enables real-time display and storage of various status information (MIB) of network equipment
- Network monitoring can be easily implemented with just one box, without using servers as NMS (Network Management System).
- Compact (smaller than B5 size), robust and portable; ideal for construction work, maintenance and operation

MIB: Management Information Base

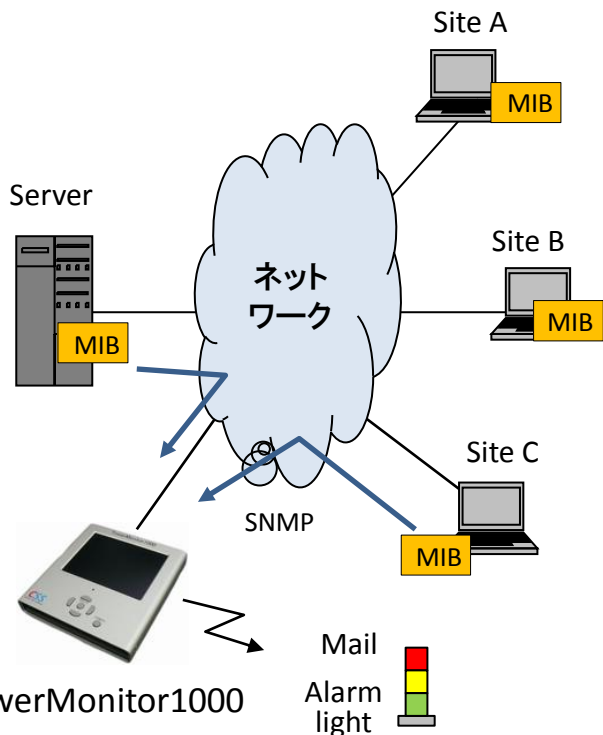
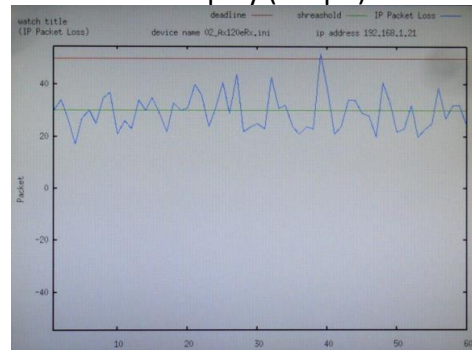
LED display (Normal)

LED display (Major Alarm)

LED display (Graph)

| MIB INFORMER HID 1500 Ver2.0.15 |                 | Last update: 2011/05/09 17:29:28 |                 | Normal |  |
|---------------------------------|-----------------|----------------------------------|-----------------|--------|--|
| Device1 01_Axi120eTx.ini        | Graph           | Device2 02_Axi120eTx.ini         | Graph           |        |  |
| IP Address 192.168.1.20         |                 | IP Address 192.168.1.21          |                 |        |  |
| IP Bitrate Out(bps)             | 37197500 Normal | IP Bitrate In(bps)               | 37149500 Normal |        |  |
| IP Bitrate In(bps)              | 11000 Normal    | IP Packet Loss                   | 0 Normal        |        |  |
| IP Packet Loss                  | 0 Normal        | Reorder Packet                   | 0 Normal        |        |  |
| Temperature(°C)                 | 46 Normal       | Unrecover Packet                 | 0 Normal        |        |  |
| Fan rpm                         | 0 Failed        | Network jitter (mSec)            | 0 Normal        |        |  |
| ASI Video BitRate (bps)         | 31998624 Normal | Fan rpm                          | 4275 Normal     |        |  |
| ASI Sync Loss                   | 0 Normal        | ASI Video BitRate (bps)          | 31961023 Normal |        |  |
|                                 |                 | ASI Sync Loss                    | 0 Normal        |        |  |
| Device3 03_CatalystTx.ini       | Graph           | Device4 04_CatalystRx.ini        | Graph           |        |  |
| IP Address 192.168.1.50         |                 | IP Address 192.168.1.60          |                 |        |  |
| CPU Usage(%)                    | 6 Normal        | CPU Usage(%)                     | 5 Normal        |        |  |
| Total Input Packet              | 29761533 Normal | Total Input Packet               | 23556441 Normal |        |  |
| Total Output Packet             | 29761484 Normal | Total Output Packet              | 23555987 Normal |        |  |
| Port1 Input Packet              | 2396 Normal     | Port1 Input Packet               | 4708092 Normal  |        |  |
| Port1 Output Packet             | 4703860 Normal  | Port1 Output Packet              | 2396 Normal     |        |  |
| Port3 Input Byte                | 4701394 Normal  | Port3 Input Byte                 | 1568 Normal     |        |  |
| Port3 Output Byte               | 1548 Normal     | Port3 Output Byte                | 4708732 Normal  |        |  |
| Port5 Output byte               | 5438 Normal     | Port5 Output byte                | 0 Normal        |        |  |

| MIB INFORMER HID 1500 Ver2.0.15 |                 | Last update: 2011/05/09 17:14:57 |                 | Major Alarm |  |
|---------------------------------|-----------------|----------------------------------|-----------------|-------------|--|
| Device1 01_Axi120eTx.ini        | Graph           | Device2 02_Axi120eTx.ini         | Graph           |             |  |
| IP Address 192.168.1.20         |                 | IP Address 192.168.1.21          |                 |             |  |
| IP Bitrate Out(bps)             | 37260500 Normal | IP Bitrate In(bps)               | 36908000 Normal |             |  |
| IP Bitrate In(bps)              | 3500 Normal     | IP Packet Loss                   | 28 Normal       |             |  |
| IP Packet Loss                  | 0 Normal        | Reorder Packet                   | 26 Normal       |             |  |
| Temperature(°C)                 | 46 Normal       | Unrecover Packet                 | 2 Normal        |             |  |
| Fan rpm                         | 0 Failed        | Network jitter (mSec)            | 0 Normal        |             |  |
| ASI Video BitRate (bps)         | 31998624 Normal | Fan rpm                          | 4272 Normal     |             |  |
| ASI Sync Loss                   | 0 Normal        | ASI Video BitRate (bps)          | 31960556 Normal |             |  |
|                                 |                 | ASI Sync Loss                    | 0 Normal        |             |  |
| Device3 03_CatalystTx.ini       | Graph           | Device4 04_CatalystRx.ini        | Graph           |             |  |
| IP Address 192.168.1.50         |                 | IP Address 192.168.1.60          |                 |             |  |
| CPU Usage(%)                    | 7 Normal        | CPU Usage(%)                     | 5 Normal        |             |  |
| Total Input Packet              | 29749357 Normal | Total Input Packet               | 23549593 Normal |             |  |
| Total Output Packet             | 29749308 Normal | Total Output Packet              | 23549139 Normal |             |  |
| Port1 Input Packet              | 829 Normal      | Port1 Input Packet               | 4663608 Normal  |             |  |
| Port1 Output Packet             | 4694216 Normal  | Port1 Output Packet              | 829 Normal      |             |  |
| Port3 Input Byte                | 4693434 Normal  | Port3 Input Byte                 | 0 Normal        |             |  |
| Port3 Output Byte               | 1548 Normal     | Port3 Output Byte                | 0 Normal        |             |  |
| Port5 Output byte               | 3937 Normal     | Port5 Output byte                | 0 Normal        |             |  |



## Specifications

|                              |                                                                                                                   |
|------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Function                     | Display and storage of various status information(MIB) of network equipment .                                     |
|                              | MIB polling time: Min. 1 second                                                                                   |
|                              | Delay time of network equipment can be displayed and stored.                                                      |
|                              | Display and storage of event logs.                                                                                |
|                              | Alarm notification by e-mail.                                                                                     |
|                              | Alarm light interface                                                                                             |
| Storage                      | Compact Memory 4G byte (Option: Expandable up to 16Gb)                                                            |
| CPU                          | Atom processor Intel 1.6GHz                                                                                       |
| OS                           | Linux                                                                                                             |
| interface                    | Ethernet 1port / USB 4port / DVI-D 1port                                                                          |
| Power supply                 | 100V-240V,50/60Hz                                                                                                 |
| Power consumption            | 25W                                                                                                               |
| Chassis specifications       | H3.5cm / W18.5cm / D20.0cm                                                                                        |
| Weight                       | 1.5Kg                                                                                                             |
| Environmental specifications | Operating temperature: 0-45°C<br>Operating humidity: 25-85% (no condensation)<br>Storage temperature: -10 to 70°C |

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