



## MLX100 Firmware/Software Updates

### **Software version 1.1.24**

**Mar 23, 2015**

**Release Scope:**

General availability.

**New features and improvements:**

1. Support IPv6 connection function on test port
2. Support IPv6 PING function on test port
3. Support test port MAC address display
4. Support gratuitous ARP function

**Known issues or limitations:**

- a. Nothing significant to report

### **Software version 1.1.20**

**May 30, 2013**

**Release Scope:**

General availability.

**New features and improvements:**

1. Enhanced the dynamic route settings for better connectivity when accessing the MLX from a PC on a different subnet than that of the test port.

**Known issues or limitations:**

- a. Nothing significant to report

### **Software version 1.1.19**

**April 12, 2012**

**Release Scope:**

General availability.

**New features and improvements:**

1. Enabled the SFP port LEDs to blink after boot up to visually indicate to the user that the unit is ready for use. After the unit is completely booted, about 1.5 minutes, the SFP LEDs both flash simultaneously for 10 seconds.

**Known issues or limitations:**

- a. Nothing significant to report



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## **Software version 1.1.16**

**March 5, 2012**

### **Release Scope:**

General availability.

### **New features and improvements:**

1. Fixed the issue where one byte was being added by the MLX100 when looping back low rate or high rate traffic in half duplex mode. After carrying out several tests duplicating the one-byte adding issue, tests and experiments were carried out with an improved timing design inside the FPGA logic blocks. By adding more constraint to the timing, essentially routing the clock signals more efficiently within the FPGA block, resulted in improved performance, hence not being able to duplicate the one byte adding issue in all units tested.

### **Known issues and limitations**

- a. Nothing significant to report

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## **Software version 1.1.14**

**November 11, 2011**

### **Release Scope:**

General availability.

### **New features and improvements:**

1. Released a new ReVeal to operate the MLX100. ReVeal MLX Lite is easier to use than the previous ReVeal MLX. A quick guide has been published with this release. NOTE: ReVeal MLX Lite version 1.0.1 must be used with this new firmware version.
2. Added SFP Port status and 10/100/1000T port link up status.
3. Added SFP information read from the SFP.

### **Known issues and limitations**

- a. The unit adds 1 byte randomly to outgoing traffic (after it has been processed by the loopback function). This is more evident in half duplex links. The issue will be fixed in the next release.

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## **Software version 1.1.12**

**December 16, 2010**

### **Release Scope:**

General availability.

### **New features and improvements:**

1. Added VLAN settings to the management port.



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**Software version 1.1.11****October 22, 2010****Release Scope:**

General availability.

**New features and improvements:**

1. Fixed a bug where the MLX100 always missed the first Ping response. The ping response was actually received, but not displayed in the UI.

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**Software version 1.1.10****July 10, 2010****Release Scope:**

General availability.

**New features and improvements:**

1. Added Loopback filters for MAC and VLAN settings.
2. Fixed a bug when multiple streams were received, frame loss would occur.

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**Software version 1.1.8****June 25, 2010****Release Scope:**

General availability.

**New features and improvements:**

1. Fixed a bug where the MLX would not reboot after the Quick Configure settings were applied.
2. Fixed a bug where the port configuration settings were not updated.
3. Added DNS configuration to the IP settings

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**Software version 1.1.7****June 7, 2010****Release Scope:**

General availability.

**New features and improvements:**

1. Fixed an IP profile bug where the unit would not respond to Ping requests and loop commands across a routed environment on boot-up.



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## **Software version 1.1.6**

**May 25, 2010**

### **Release Scope:**

General availability.

### **New features and improvements:**

1. Added VLAN ID configuration for the test port in the "Test Port IP" menu.

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## **Software version 1.1.5**

**April 12, 2010**

### **Release Scope:**

General availability.

### **New features and improvements:**

1. Supports jumbo frames.
2. Enhance loop up/down control to improve bit/crc/frame loss issue during loop control operation.
3. Fixed intermittent copper port not functioning.
4. Fixed frame loss in loopback.
5. Fixed not being discovered issue if subnet mask was set other than 255.255.255.0.
6. Fixed after reboot fail to connect test port issue.

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## **Software version 1.0.8**

**January 18, 2010**

### **Release Scope:**

General availability.

### **New features and improvements:**

1. Added the ability to remember the port settings after shutdown. Now the unit will boot up with the port settings from the last time it was powered off.



# MLX100 Ethernet Loopback

Software Release Notes

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## **Software version 1.0.7**

**January 18, 2010**

### **Release Scope:**

General availability.

### **New features and improvements:**

1. Added the ability to store the last profile loaded on shutdown. When the unit boots up, it will boot up with the last loopback profile. To enable the feature, load the loopback profile, when done testing, simply power off the MLX100.
2. Fixed a DNS error bug that was slowing down the telnet connection.

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## **Software version 1.0.3**

**September 18, 2009**

### **Release Scope:**

General availability.

### **New features and improvements:**

1. Fixed a fiber port link up bug.