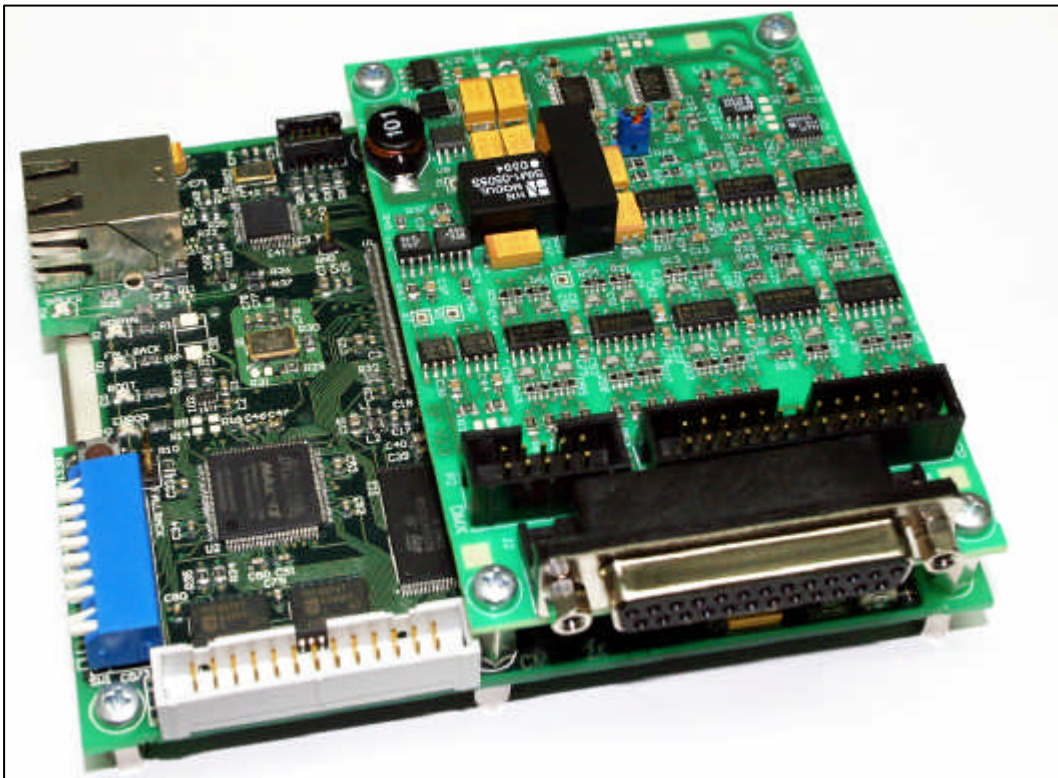




Information

# NetPort

Mamba LAN Interface Board



Realtime data connection LAN interface board for Mamba software systems in OEM configuration for upgrading laser projectors to LAN projectors.

NetPort enhances any laser projector to full LAN connectivity. Drive your laser projector from standard LAN line, by using CAT5 cable. No more analog ILDA signal cables are required. Additionally, NetPort offers internal memory for storing lasershow or laser animations, and replay them via DMX512 control line.

NetPort can be easily integrated into existing or new laser projector. It uses a single 12VDC voltage to run all functions. The IP address of NetPort can be adjusted, or simply controlled by DHCP systems.

### **Technical details:**

- IEEE 802.3u 100BASE-TX Full Duplex Ethernet port
- Supports TCP/IP protocol
- High performance system with 32bit processor
- Jitter free output with 14 bits resolution
- RGB and intensity output with 8bit resolution
- Scanspeed up to 200,000 pps
- Full compatible ILDA output connector
- Simple supply voltage of 12VDC / 500mA

### **Replaces USB interface**

NetPort replaces the common HyperPort USB interfaces, or older USB-Box interfaces. Mamba Black and Mamba 2.0 will both support fast LAN connection to NetPort. The board can be added to an existing laser projector, which is supported by the small outline dimensions. After the integration, the projector will be connected to Mamba through standard CAT5 LAN cable.

If more than one Net Projector is used, the signal, coming from Mamba control computer, is wired through any standard LAN switch. Up to 255 independent NetPort LAN boards can be connected to one LAN line.

The internal web server offers support and setup through standard web browser. The SD memory card, that is supplied with the board, can be loaded with ILD framelists and animations through the web interface.

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