

May 6, 2005

PCN No.: PCN-027

Product Change Notice

Dear Valued Lantronix Customer,

The purpose of this document is to notify you of a firmware change to the CoBox products.

Firmware version 5.8.0.1 will ship on the following products in July '05:

<u>Model Number</u>	<u>Part Number</u>	<u>Description</u>
CoBox Micro	CO-E2-11AA	Board-only device server
CoBox Micro100	MO00AA002-01	Micro100 No RJ45 connector, no LEDs, with TTL pin header
CoBox Micro100	MO11AA002-01	Micro100 with RJ45 connector, LEDs, with TTL pin header
CoBox Micro100	MO22AA002-01	Micro100 Pin header for Ethernet, pin header for LED connection, with TTL pin header
CoBox Mini	CM-E2-0000B	Board-only device server

This version replaces the previous versions, v5.2 and v5.5 and contains fixes for known issues. The following new features are included:

<u>Feature/Enhancement</u>	<u>Description/Benefit</u>
Configurable HTTP port number	An additional option is available through the Setup Menu, under the "Expert" settings to configure the HTTP port number. Valid range is from 1 - 65535. A default value of 80 will be used unless configured otherwise.
New version numbering scheme	Flexible scheme visible on the setup menu via SNMP to allow for maintenance releases without release number explosion.
Disable Monitor Mode	There is an additional option available through the Setup Menu, under the "Expert" settings, to disable the Monitor Mode only during the startup sequence. This prevents all entries into Monitor Mode except thru 'xxx' followed by 'M'. All other Monitor Mode entry sequences, e.g. 'zzz' and 'yyy', are blocked during startup.
Setup Mode changes	- In the software information line that indicates which version is currently loaded, an additional line is displayed that indicates the current version of the AES library included in the build. - Minor text display changes in the "Change Setup:" options
AutoIncrement Local Port Number Option Added	AutoIncrement Local Port Number Option has been added to allow the local port number to be incremented on subsequent outgoing connection attempts while still allowing the local port number to be kept fixed for the incoming connection.
Hostlist Now Usable (2-channel devices)	For 2-channel devices, the hostlist is now usable on both channels. There is only a single hostlist that will be used by both channel connections.

Stop Bits Interface Mode (2-channel devices)	For 2-channel devices, 2 Stop bits Interface mode can now be configured for both channels simultaneously.
DHCP Client FQDN Option (Dynamic DNS Updates)	Dynamic DNS Updates are useful in a DHCP environment since they allow the DHCP server assigning the IP address to also communicate with the DNS server on behalf of the client and generate a FQDN entry by which the client (device server) could be reached. The DHCP name configuration that is already available will be used to configure the hostname that will get registered at the DNS server. There is no support for a FQDN to be specific at the device server. The domain will be the default domain in which the DHCP server and the DNS server that it communicates with reside in.

A new firmware image and release notes are available on the Lantronix web site at:
<http://www.lantronix.com/support/downloads.html>.

For more information, contact Lantronix Customer Support at (866) 649-0721 or (949) 453-3990 x342.

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