TIMESYS® LINUXLINK FOR LANTRONIX PREMIERWAVE™ EN
YOUR PROVEN EMBEDDED LINUX SOLUTION

Product Overview – LinuxLink
LinuxLink is Timesys’ award-winning embedded Linux software development framework that provides a complete, easy-to-use and affordable solution for teams of all sizes. The third-generation, LinuxLink framework features Timesys’ intelligent embedded Linux Distribution Builder called Factory—which empowers developers with full control over their product development. The Factory Distribution Builder includes innovative ‘advice’ and ‘update’ engines that enable developers of all experience levels to successfully build and maintain the Linux platform, toolsets and applications specific to their project requirements.

LinuxLink helps developers reduce the development time, risks and costs inherent in building an embedded Linux-based product and in maintaining it throughout its lifecycle.

Complete Support and Services
Timesys and Lantronix are committed to supporting customer needs with our deep engineering expertise—not only in building a custom product based on open source Linux, but also in maintaining the product throughout its entire lifecycle.

All LinuxLink subscriptions include full technical support from expert engineers at Timesys. The team draws on its extensive experience to address questions on environments, development tools, middleware packages and LinuxLink components.

The following are included in a LinuxLink subscription:

+ Embedded Linux for numerous architectures
+ Latest GNU toolchain
+ Factory build system for repeatability and consistency
+ Toolbox with properly configured commonly used tools
+ Eclipse-based IDE called TimeStorm
+ Customized ‘update’ notifications
+ Patches and automatic patch integration via Factory
+ Detailed how-to documentation and how-to demos
+ Unmetered, live support

PremierWave EN features Lantronix Applications such as:

+ Virtual IP (VIP) Access™ - gaining remote connectivity even behind firewalls
+ Evolution Applications - including CLI, serial tunneling, XML configuration
+ Web Manager - providing users with status information and configuration capabilities
+ Bridging - connecting LANs, allowing the forwarding and filtering of data packets

For more information on the Timesys SDK, please visit http://www.timesys.com/supported/boards/lantronix

PremierWave Product Family
• Latest open-source kernels
• Full support for Atmel ARM9
• Extensive device support

Development Tools/Libraries
• Supported version of gcc, glibc, uClibc
• Eclipse-based environment

OS Apps & Middleware
• Rich selection of packages
• Networking, industrial, consumer
• Pre-built, tested, supported
• Pre-integrated Lantronix value-added applications

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