

Twin Communications of America, Inc. – Press Release

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Twin Communications of America introduces Twincommunicator : PDA-Based Instrument with dual role of I2C BUS Controller and Video Signal Generator



For immediate release

SAN JOSE, CA, OCTOBER 18, 2004 - Twin Communications of America (Nobuharu Hiruma, President and CEO) announced today that it has released Twincommunicator which is a unique and compact BUS controller that attaches to a Palm™ PDA. Twincommunicator can run continuously for over 8 hours on 4 AA batteries. The small and lightweight Twincommunicator is a highly functional BUS controller that performs well as both an I2C BUS monitor and a video signal generator.

Twincommunicator is design with portability in mind. It is battery powered and driven by the ease of use of Palm user interface. Twincommunicator can be used anytime, anywhere.

I2C BUS is a well known internal BUS that is commonly used in modern digital products, e.g. TVs, home appliances, etc. Twincommunicator can play a significant role in design and development of such products.

Furthermore, Twincommunicator has a built-in video signal generator. This allows TV adjustments and repairs to be done with ease using the same Twincommunicator.

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Main Features

1. Easy and intuitive user interface

It has an easy and intuitive user interface utilizing touch panel and high density LCD panel. This results in drastic improvements in design, efficiency during tests, and reductions of operational mistakes. It is as simple as tapping icons and buttons on the screen.

2. Portable and can be used anywhere

As it is battery operated, it is modular and can be used anywhere. With 4 AA batteries, it can run continuously for over 8 hours when video signals are generated. It can be used for field tests, services, and onsite demonstration at customer homes even when AC power source is not available.

3. Built-in 27 video patterns

It has built-in 27 common video patterns in its memory. Since it has the patterns internally, the display speed is fast (1-3 seconds).

4. Creating original video patterns

You can create your own video patterns and store them in the PDA's external storage card. Creating original video patterns is very easy. You only need to create bitmap files in specified size and store them in the specified folder.

This feature allows you to display any kind of video patterns such as pictures taken by a digital camera.

Basic Specifications

Input/Output Terminal	AC power source input I2C BUS connector General purpose I/O Port Composite video signal output RS232C serial port
Power Source	AC power source 100-240V 50/60Hz (included) 4 AA alkaline batteries (not included) 4 AA rechargeable nickel-metal hydride batteries (not included)
Estimated battery life	Approx. 8 hours (with 4 AA rechargeable nickel-metal hydride batteries)
Size (W x H x D)	92mm x 45mm x 157mm
Weight	Approx. 350g with 4 AA batteries
Supplied parts list	BNC video cable BNC/Pin plug conversion adapter HotSync cable for Sony CLIE Serial cable for PC General purpose I/O cable (8pin Mini-DIN) I2C BUS cable (5pin Mini-DIN) AC power source 100-240V 50/60Hz CD (software, instruction manual)

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*Palm is a trademark of PalmSource, Inc.

*I2C BUS is a trademark of Philips.

*CLIE is a trademark of Sony.

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About Twin Communications of America

Twin Communications of America, a privately held company based in San Jose, California designs and develops cost-effective software and hardware solutions for the mobile device markets.

<http://www.twincom.net>

