



PRODUCT NEWS

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ViewPort Software Version 4.1 - Just Released

Parallax is now selling ViewPort Software (Standard and Ultimate versions). ViewPort, developed by Hanno Sander at MyDanceBot.com, is the premier debugging environment for Parallax's 8-cog multiprocessing Propeller microcontroller. The tool combines an integrated debugger with powerful graphics that show you what's going on within the Propeller. Monitor variables over time with the built in oscilloscope or change their value while your Propeller is running. Solve hardware problems with the logic analyzer at sampling rates up to 80MSPS. Add intelligence to your programs with the fuzzy logic module or integrate computer vision using the OpenCV library.

"ViewPort v4.1 is solid, stable and versatile, a very impressive achievement. Now, I am going to incorporate ViewPort in several of my research investigations," says a Parallax customer.

Both Standard and Ultimate versions come equipped with a debugger. The Standard version is low-speed (up to 115kbps) while the Ultimate version is high-speed (up to 2Mbps) and includes OpenCV (state of the art computer vision processing), Development Kit, and Designer (customize the graphic instrumentation via drag and drop).

ViewPort can be integrated into any Spin program. It requires one cog and a single line of code at the start of your program. It's easy to get started with plenty of tutorials, videos and documentation. ViewPort is also configurable and extensible so you can customize it to your needs.

The Propeller chip makes it easy to rapidly develop embedded applications. Its eight processors (cogs) can operate simultaneously, either independently or cooperatively, sharing common resources through a central hub. The developer has full control over how and when each cog is employed. There is no compiler-driven or operating system-driven splitting of tasks among multiple cogs. A shared system clock keeps each cog on the same time reference, allowing for true deterministic timing and synchronization. Three programming languages are available: C (via ICC for Propeller), the easy-to-learn high-level Spin (native), and Propeller Assembly (native), which can execute at up to 160 MPS (20 MIPS per cog).

ViewPort is available for purchase from Parallax, Inc. or MyDanceBot.com; Standard version \$59 and Ultimate version \$149. For more information or to purchase from Parallax visit www.Parallax.com and search "ViewPort" or "Propeller."

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Lauren Davis, Parallax, Inc. 599 Menlo Drive Rocklin, CA 95765\

Tel: (916) 624-8333

Fax:(916) 624-8003

E-mail: ldavis@parallax.com

Web: www.parallax.com

Hanno Sander, MyDanceBot.com

Tel: (408) 516 4175

Fax:(801) 672-8641

E-mail: pr@mydancebot.com

Web: <http://www.mydancebot.com>