RTI Intros Next-Gen XP-8v Processor

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RTI releases a next-generation XP control processor line-- the XP-8v Advanced Control Processor offers increased processing power, expanded memory and an HDMI output for OSD control interface.

As the 3rd generation XP-8 control processor, the XP-8v combines the advanced control options of previous models with an i.MX53 processor for increased processing power and expanded 2-way driver support. It has more RAM and non-volatile Flash storage (1GB and 512MB respectively), and the addition of an HDMI output enables an on-screen display for a convenient custom control interface on TVs.

Control interface options include 2-way RS232, routable IR, ethernet and relay control. Eight multi-purpose I/O ports support optional modules for voltage sensing and RS232. Also included are eight programmable relay input/outputs and eight sense inputs (voltage or contact closure). The ethernet port provides IP control and support for the RTiPanel smartphone, tablet and PC app. A final addition is an astronomical clock for time-based events and timers to trigger commands and macros.

The XP-8v runs on the Integration Designer APEX 10.2 platform. It combines time-saving automation with the freedom to design custom control experiences. Other features include automatic generation of GUI and programming, an IR library, advanced graphic resizing, a global controller allowing the easy creation of multi-room experiences and a room proxy feature for the creation of more powerful interfaces.

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