

XYR 3000 Wireless Multiplexer



The XYR 3000 wireless multiplexer is part of Honeywell's OneWireless™ portfolio designed to improve plant safety, equipment reliability, regulatory compliance and process efficiency. XYR 3000 supports a wide array of communication protocols to offer a greater choice of instrumentation for industrial wireless networks.

Honeywell's XYR 3000 wireless multiplexer provides a simple, cost-effective and reliable means of implementing a wireless solution for applications with high-density I/O concentrations, providing the lowest cost per wireless measurement point.

In addition, XYR 3000 has a flexible architecture that is ideal for both new and existing facilities. Greenfield plants can use the multiplexers to avoid wiring costs and begin production faster. Older facilities can streamline maintenance with XYR 3000 devices.

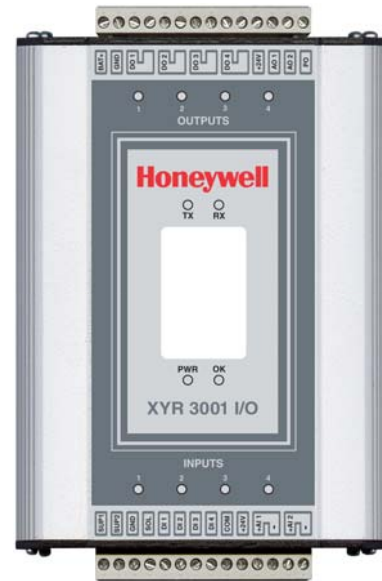
Benefits

XYR 3000 offers significant installation cost savings and faster project implementation. The high-powered radios do not require site survey and reduce installation time. XYR 3000 multiplexers can be deployed in less than 30 minutes. The multiplexers provide line power to field instruments which simplifies the installation process. The high-capacity gateways provide the flexibility to start small and build a large system.

In addition to significant cost savings and flexibility, XYR 3000 offers several benefits.

Wireless Benefits:

- Cost effectively monitor previously unmeasurable processes or inventory without the wiring cost
- Improve safety by monitoring previously unmonitored and/or remote processes
- Ensure regulatory compliance by monitoring remote areas that are potential contamination hazards



Hardware/Networking Benefits:

- Multi-protocol support for wireless I/O points to enable interfacing to multiple applications
- Rich set of I/O options on every XYR 3000 I/O module; low-cost modules available for ease of expansion
- Connect up to 50 transmitters on a single XYR gateway
- Serially interface XYR 3000 wireless I/O into Honeywell TDC/TPS systems
- The XYR 3000 Gateway configurator, an interactive software configuration tool, provides an easy setup mechanism for interfacing with a control system
- The networking protocol provides flexibility to selectively build redundancy into the system based on the criticality of the application
- Standard diagnostics allow the engineer to debug problems faster
- A rich set of inputs and outputs enables a complete solution from sensing to actuation
- Wireless protocol conversion enables the same data to be interfaced to multiple applications

Applications

XYR 3000 devices are ideal for various applications such as safety showers, tank level monitoring, remote pump control, valve and bearing monitoring, and adding off-the-shelf sensors to the field. Manufacturers can connect existing wired instrumentation for these applications to the multiplexers, converting the signals to wireless for increased data reliability. The multiplexers also are capable of relaying commands from the control room to execute tasks.

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More Information

For more information on Honeywell's industrial wireless solutions, visit www.honeywell.com/ps/wireless or contact your Honeywell account manager.

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PN-08-11-ENG
April 2008
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