High quality data acquisition and embedded control products.

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Power and Information in One Stream: NS-205PSE

Modern devices need a good flow of energy and information. Our NS-205PSE supplies them with both through the same Ethernet cable. A compact unit that prefers to take care of itself, the NS-205PSE is a 5-port unmanaged Ethernet switch that connects network elements while supplying up to 15.4 watts of power per port. And each of those ports supports 10/100Mbps speed auto-negotiation while the device offers 3.2 Gbps of high performance memory bandwidth, so it can handle some traffic. The NS-205PSE smoothly transitions between different configurations with its auto MDI / MDI-X crossover technology for plug-and-play adaptability. Other notable features include fully duplex IEEE 802.3x and half duplex back-pressure flow control to avoid data interference, store-and-forward architecture and IEEE 802.3af compliance on its four PoE (Power-over-Ethernet) ports.

As you can see, the NS-205PSE isn't one for hand holding. It has both auto-detection of powered devices and automatic power management. Ready for virtually any environment, the unit can operate within a temperature range of -30°C to 75°C, sports over-temperature, over-current and over/under-voltage detection and is physically robust as well. Its LED indicators allow you to quickly monitor its state. You could think of the NS-205PSE as the terminal in a road system for your devices, except the intersections are efficient… and the vehicles are constantly recharged through their tires.

ICP DAS USA is a cost effective leader in the US industrial market; offering a stunningly competitive price/performance ratio, while catering to the latest solutions for current industrial trends. We are a Fast Growing Provider of High Quality Industrial Data Acquisition Systems and Control Products! Our Mission: We seek to provide our customers with cost effective, flexible, and easy to use solutions for their Data Acquisition and Embedded Control Applications. ICP DAS USA provides a great variety of products with modular and universal solutions for any scale application or projects

 To learn more about the variety of ideas and real projects integrated with ICP DAS hardware, visit our website at www.icpdas-usa.com, or give us a call, toll free, at 1-888-971-9888 and one of our engineers would be happy to assist in reviewing the project requirements, ensuring that the highest quality solution is presented in your final application.

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