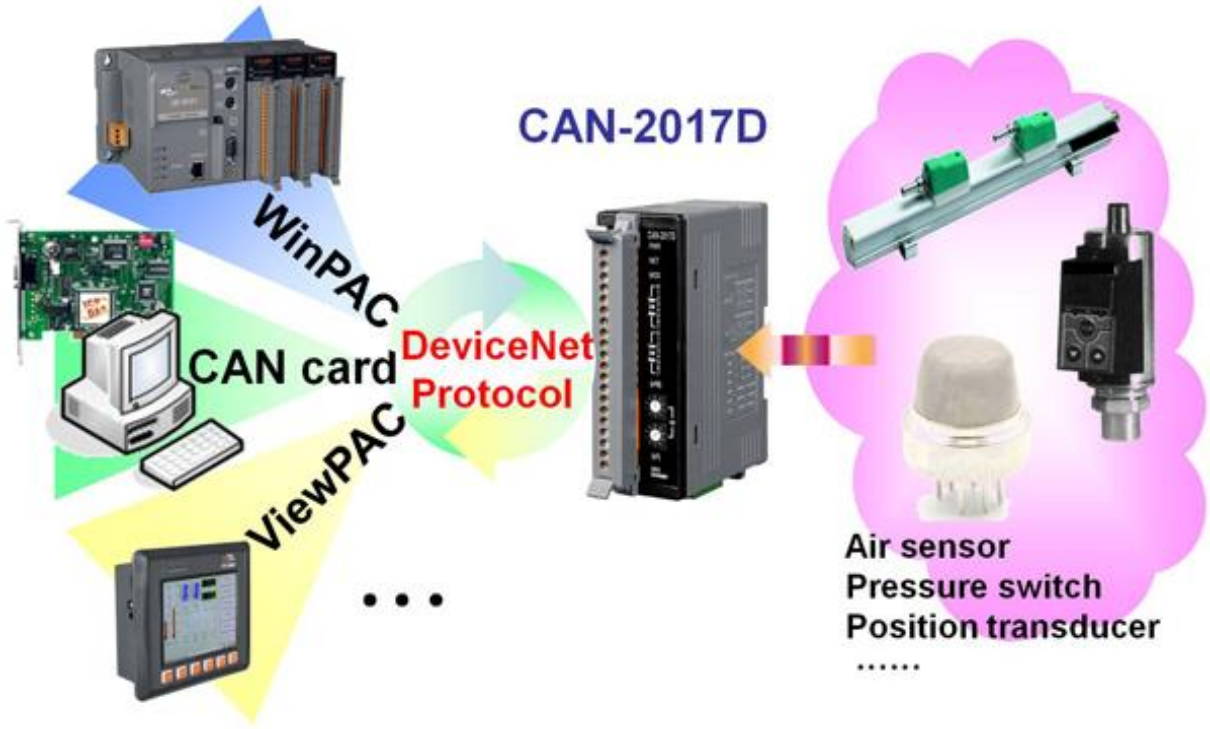
DeviceNet Data Acquisition

DeviceNet is a network protocols based on the CAN bus and mainly used for the embedded network of the machine control, such as industrial machine control , aircraft engines monitoring, factory automation, medical equipments control, remote data acquisition, environmental monitoring, and packaging machines control, etc.

https://www.icpdas-usa.com/remote-devicenet-io-table.html?r=steve

CAN-8x24 series and CAN-2000D series are especially designed for combining sensors and actuators into DeviceNet network. All of them provide corresponding EDS file for standard DeviceNet master interface. The mainly differences between CAN-8x24 series is DeviceNet remote I/O rack unit which has the capabilities of expansion. CAN-2000D series is the regular remote I/O module with limited channels. CAN-8x24 series is useful for centralizing control system. It provides flexible I/O selections to match various applications. The character 'x' indicates how many expansion slots it has. Therefore, we provide CAN-8124/CAN-8224/CAN-8424 for 1/2/4 expansion slots. Each slot allows you plugging one I-8000/I-87K series I/O module to expansion I/O channels, and hot-swap technique is supported. CAN-2000D series is palm-size stand-along DeviceNet slave device. It specially suits for distribution control system, and can be placed in a small space even in the case of machine. For more information about these devices, please refer to the following links.



The CAN-2000 series follows DeviceNet specification Volume I/II, Release 2.0. User can access the analog and digital input status and set the configuration via DeviceNet EDS file. For example, CAN-2017D has 8-channel analog input and it can be used to various applications. By the DeviceNet masters of ICP DAS, you can quickly build a DeviceNet network to approach your requirements.

If you have other DeviceNet module requirements or have some questions, we can certainly help you to choose the best solution. Please call our technical support team at (310) 517-9888 X102