



High quality data acquisition and embedded control products.

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I-7540D: CAN Ethernet Gateway

Good alone-- Better together. CAN networks were developed by high-end automobile designers in search of a more desirable way of communication amongst electrical devices and Ethernet networks are ubiquitous, reliable and usually already integrated with industrial processing lines. Our [I-7540D](#) provides a gateway for these powerful technologies, enabling CAN networks to communicate with Ethernet and Internet networks. A natural application would couple CAN networks over Ethernet, allowing remote monitoring and control. CAN networks have branched out from their automotive origins and are now appealing in many sectors of industry because they provide an optimized form of communication amongst local, interdependent ECUs, reducing complexity relative to the standard network models.

CAN networks are also especially nice in that their messages are protocol independent and thus widely deployable. [I-7540D](#) Gateway allows the CAN networks to retain this diplomatic feature facilitating a transparent transfer of messages. Furthermore, the CAN-Ethernet Gateway can be used with various higher layer CAN protocols (e.g. CANopen, DeviceNet or other proprietary protocols).

[I-7540D](#) also can be used as an Ethernet bridge for CAN/RS-232/485 Device Servers. The device server setup would network-enable any device with a serial communication port. By virtue of its independent operating system, protocol independence, small size and flexibility, device server networks are able to meet the demand of virtually any network-enable application. Most devices don't have network ports. [I-7540D](#) allows those devices to become connected to the network.

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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