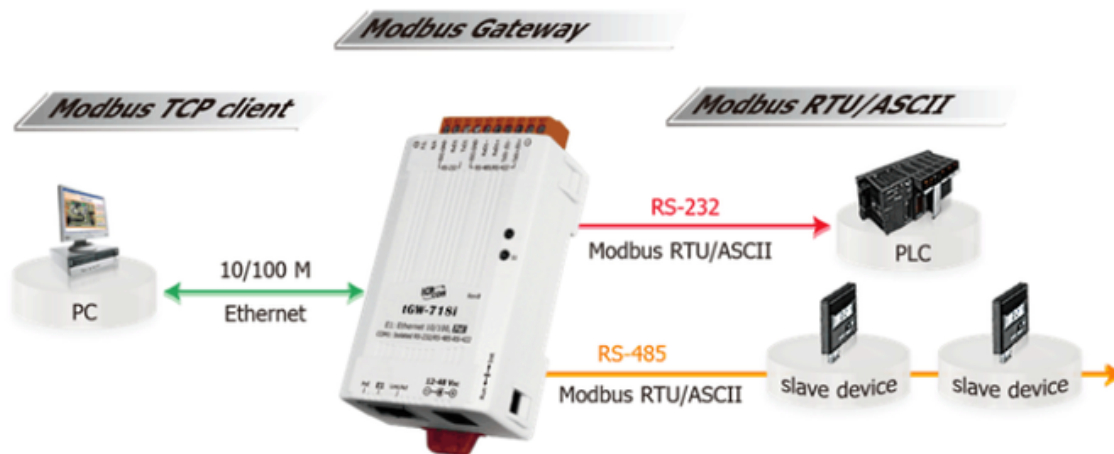


## Tiny Modbus/TCP to RTU/ASCII Gateway with PoE and 1 Isolated RS-232/422/485 Port

Modbus is the standard industrial communication protocol, and is the commonly known means of connecting industrial electronic devices. Modbus allows for communication between many devices connected to the same RS-485 network.. Modbus is also used to connect a supervisory computer with a remote terminal unit (RTU) in supervisory control and data acquisition (SCADA) systems.

ICP DAS USA's tGW-718i module is a Modbus TCP to RTU/ASCII gateway enables a Modbus/TCP host to communicate with serial Modbus RTU/ASCII devices through an Ethernet network, and eliminates the cable length limitation of legacy serial communication devices. The module can be used to create a pair-connection application (as well as serial-bridge or serial-tunnel application), and can then route data over TCP/IP between two serial Modbus RTU/ASCII devices, which is useful when connecting mainframe computers, servers or other serial devices that use Modbus RTU/ASCII protocols and themselves do not have Ethernet capability.



The tGW-718i also adds 3000 VDC isolation and +/-4 kV ESD protection component that diverts the potentially damaging charge away from sensitive circuit to protects the module and equipment from the sudden and momentary electric current.

To learn more about ICP DAS USA's Modbus TCP to RTU/ASCII Device Servers, visit [https://icpdas-usa.com/tgw\\_700\\_modbus\\_tcp\\_to\\_rtu\\_ascii\\_device\\_servers.html](https://icpdas-usa.com/tgw_700_modbus_tcp_to_rtu_ascii_device_servers.html) to read free application stories, watch free training videos, and view previous other press releases. You can also give us a call at 1-888-517-9888 or email us at [sales@icpdas-usa.com](mailto:sales@icpdas-usa.com) (or [tech@icpdas-usa.com](mailto:tech@icpdas-usa.com) for tech support).

