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## How can I get LS5 , DTSC-200 easYgen-2000/3000 controls on Modbus TCP Ethernet ? ESENET

Justin Schneider - 2026-07-27 - [DTSC-200](#)

LS5, easYgen-1500/2000/3000 , DTSC-200 have CANopen Interface

ESENET Gateway P/N 8445-1044 can convert up to 8 controls from CAN to Ethernet Modbus

see app note here:

[https://wss.woodward.com/manuals/PGC/easYgen-3000XT\\_series/Application\\_Notes/37576-AN\\_ESENET.pdf](https://wss.woodward.com/manuals/PGC/easYgen-3000XT_series/Application_Notes/37576-AN_ESENET.pdf)

[Woodward Application Note - proconX CAN-ETH](#)

[Woodward Application Note - proconX ESENET](#)

[Application Note 301](#)

[Application Note 308](#)

[Application Note 313](#)

[ESENET Data sheet](#)

[ESENET Quick start](#)

[ESENET User manual](#)

[3D CAD Model](#)

Extending the CAN bus length using Ethernet infrastructure

Using proconX ESENET with Woodward controllers version 3.0

TFTP Firmware upgrade

Modbus register address ranges re-mapped for the Easygen using proconX gateways

Remote control for the Easygen and LS-5 via Modbus

Two page data sheet

Installation guide

User manual