

# ETH100



Now, DGUS is



## Control DGUS remotely by using ETH100 Network Module

### Introduction

DGUS has approved it's robust, flexible, stable by numerous applications all over the world. Furthermore, clients want to control DGUS over LAN or Internet. Now, ETH\_100 is released just for that. Collaborated with DGUS LCMs, ETH\_100 becomes simple & reliable industrial grade solution for network communication. Now, your field application is always under your control wherever, whenever you are!

### Features

- Support 10M/100M link on Physic Layer, support Auto-MDIX;
- Establish connection with server automatically, support DHCP and DNS over LAN/WAN;
- Data from RS232/RS485 may exchange with server in real-time or non-real-time via WAN port;
- Seamless working with DGUS LCMs by Registers;
- "Transparent Proxy" (ETH\_100A) and "Black Box" (ETH\_100B);
- Debug info output for diagnostic.

## Two versions: Transparent Proxy and Black Box

Transparent Proxy (ETH\_100A) is able to forward the messages from RS232 or RS485 to remote server in real-time, and it will receive the replied data and forward it to user.

For "Black Box" version (ETH\_100B), data from RS232/RS485 will be stored in internal SRAM (User Buffer), and it will upload it to the server according to the time set by user in configurations. ETH\_100B acquired 1GB - 4GB industrial grade SLC NAND Flash (Life cycle: 10 yrs), and user may set the time for saving data to flash memory from buffer. Time stamps will be added when saving the data for historical data review.

For more details, please log on [www.dwin.com.cn](http://www.dwin.com.cn) or call us now!

## Applications



## Specifications

LEDs: Power, DHCP, Connection;

Interface: RS232(115200bps), RS485(2400 ~ 115200bps);

Ethernet: 10M/100Mbps, Auto-MDIX;

Power supply: +6V ~ +42V;

Working Temperature: -20°C ~ +70°C

Dimension (mm): 150.8 (L) x 81.2 (W) x 31.0 (H)

