HRI-485x

Application Exan
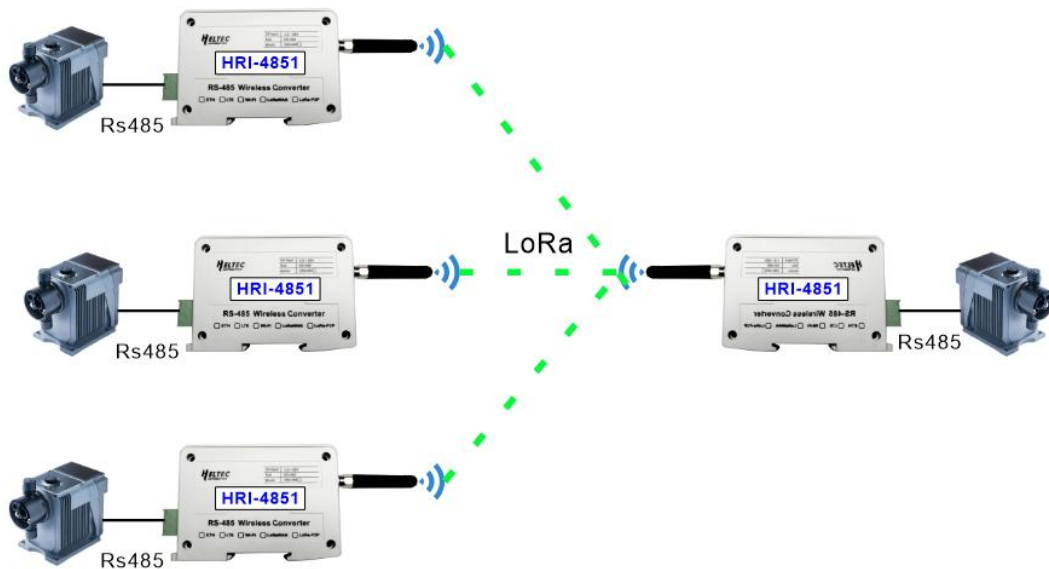
HRI-485X series has a variety of networking methods. For details, please refer to the user manual.

This paper aims to describe some typical applications of some HRI-485X.
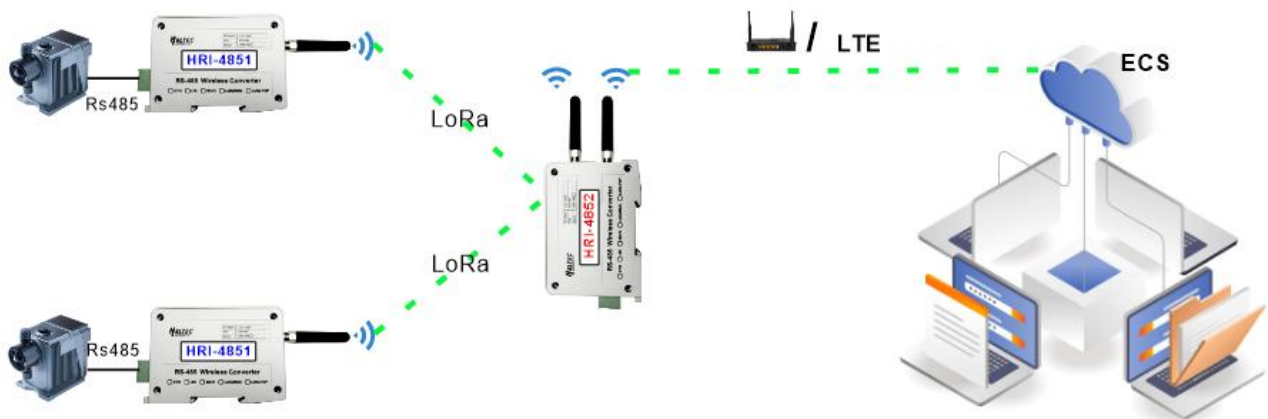
HRI-4851+HRI-4851 (Recommend)

HRI-4851 can be configured to achieve point-to-point and point-to-many SerialNet.
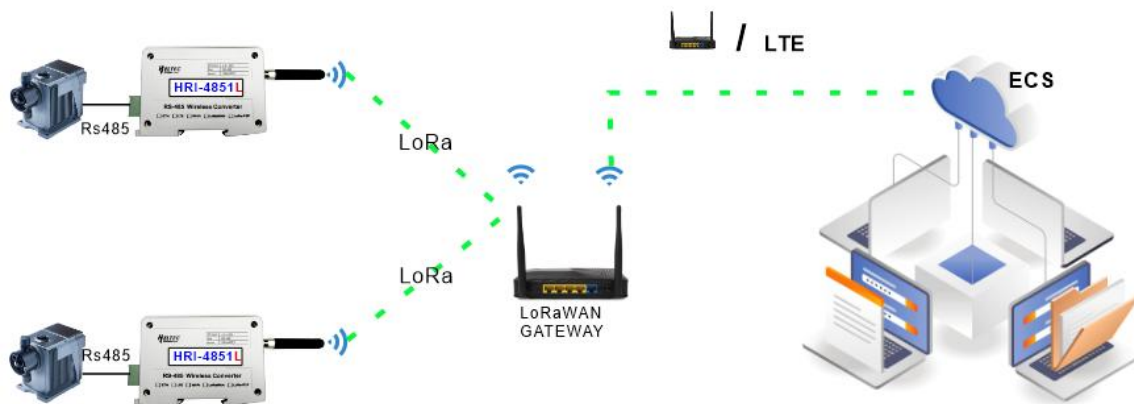

HRI-4851+HRI-4852 (Recommend)

The device is connected to the HRI-4851 through RS-485 and sends the data to the HRI-4852 through LoRa signal, and then sends the data to the cloud server through the ordinary gateway or LTE.

Attention please , HRI-4852 is usually only used as a tool for HRI-4851 to enter the network.
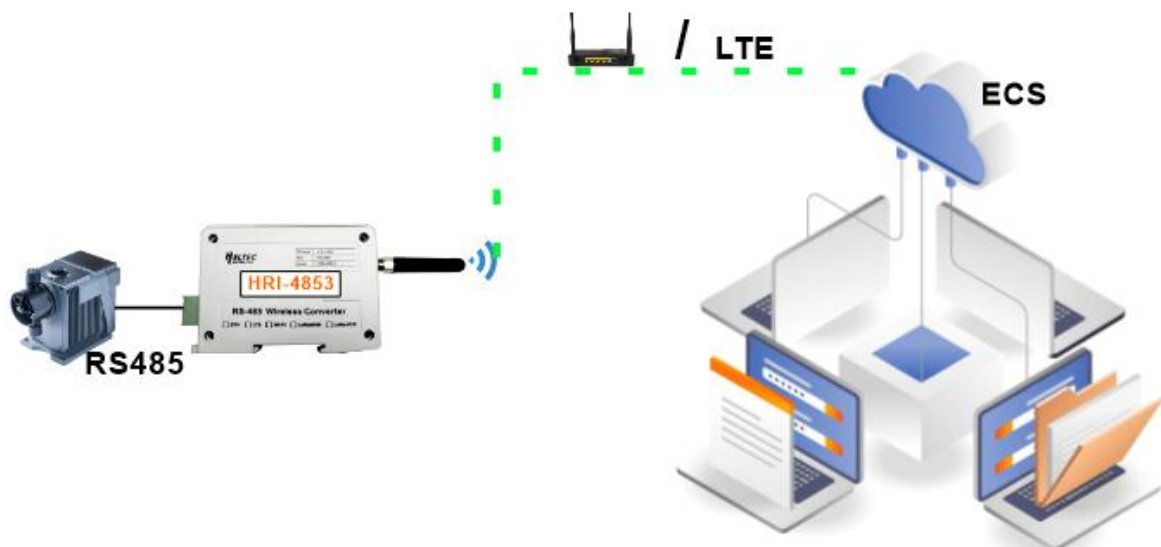
HRI-4851L + LoRaWAN Gateway

The device connect to the HRI-4851 via RS-485, HRI-4851 sends data via LoRaWAN to the gateway, gateway sends data to the LoRaWAN server.

HRI-4853

HRI-4853 connects the device via RS-485 and uploads the data to the cloud server via LTE or Ethernet.

HRI-4851 Relayer

In some special occasions, HRI-4851 can be used as a forwarding device of two HRI-4851 or HRI-4852.

Documents	Rev. 1.0	P 4/8	Apr. 2023	Heltec Automation © Limited standard files