

IVY IoT Gateway



Description / Descripción

Low power consumption IoT Gateway that allows the integration of Modbus RTU networks and WiFi nodes in industrial environments

Gateway IoT de bajo consumo que permite la integración de redes Modbus RTU y nodos WiFi en entornos industriales

Features / Características

Low power consumption

Bajo consumo de energía

Modbus/RS485

Modbus/RS485

Open source Linux (OpenWrt) inside

Linux de código abierto (OpenWrt) incluido

AP or Client mode

Modo AP o Cliente

Built-in web server

Web server disponible

Managed by Web GUI, SSH or Serial

Gestionado mediante Web GUI, SSH o Serial

Compact device, robust against interference and ESD discharges

Dispositivo compacto, robusto contra interferencias y descargas ESD

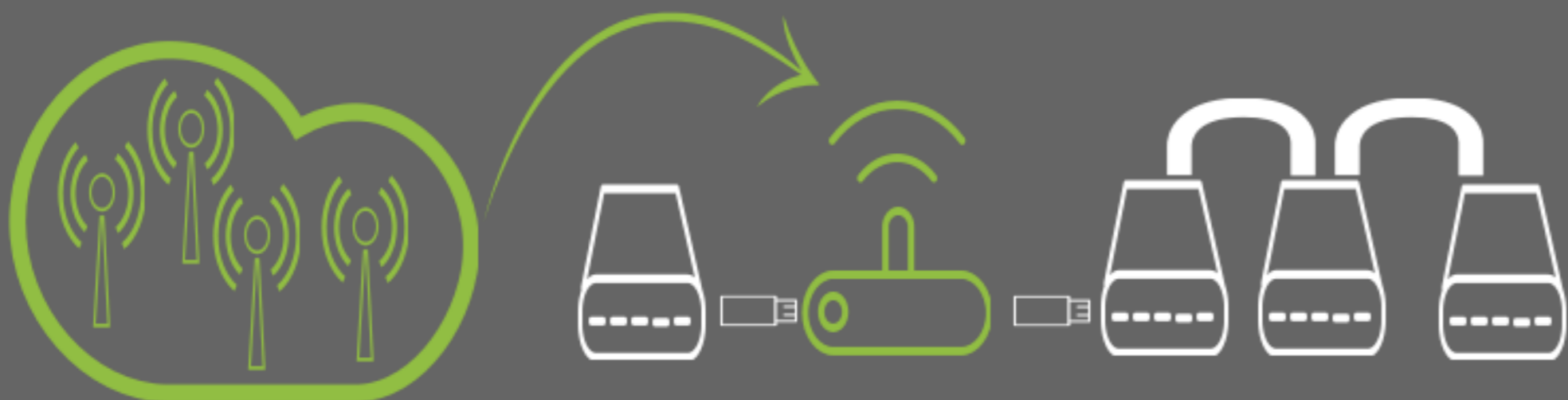
Uses / Aplicaciones

1

It can act as a hub (bridge/gateway/concentrator) of WiFi nodes for integrating in an existing Modbus RTU network. It is optime for existing Scada systems.

Puede actuar como concentrador (bridge/gateway/concentrator) de una red de nodos WIFI para integrar a una red existente de Modbus RTU.

Optima para sistemas Scada existentes.



It can act as a hub (bridge / gateway / concentrator) of an existing Modbus RTU network to integrate it to an IoT infrastructure. Cloud platforms, Big data, Business ingelligence

2

Puede actuar como concentrador (bridge/gateway/concentrator) de una red existente de Modbus RTU para integrarla a una infraestructura IoT.

Plataformas Cloud, Big data, Business ingelligence



3

It can act as a datalogger and gateway for a specific application with a public or private cloud.

Puede actuar como datalogger y gateway para una aplicación específica con una nube pública o privada.



Technical Spec / Espec. Técnicas

Hardware System

Processor: 400MHz, 24K MIPS
64MB RAM
16MB Flash + microSD 8GB
DC Input: 9 ~ 15v
Power use: 500mW

Interface

1 x RS485 port (RJ11)
2 x Ethernet ports (RJ45)
USB 2.0 Host port

Connectivity

Ethernet
WIFI
Modbus/RS485
USB 2.0

WiFi Spec

IEEE 802.11b/g/n
Freq Band: 2.4 ~ 2.462GHz
Integrated Antenna

Dimensions and Weight

Device Size: 12x 8.5x3 cm
Device Weight: 150g
Package Size: 21.5x10x5 cm
Weight Package: 360g