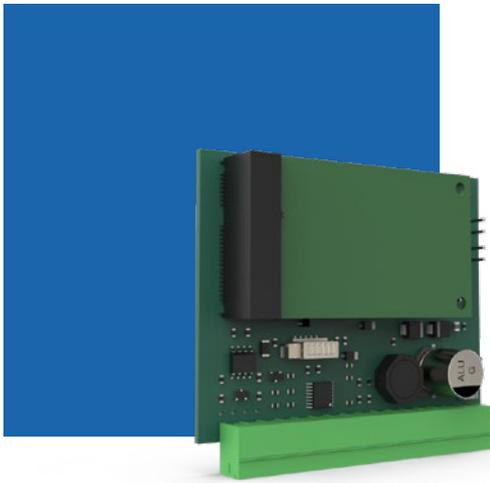# DCONNECT ALL-IN-ONE

DConnect All-In-One is the gateway designed to meet the diverse needs of the DTI market. The electronics are controlled by the ESP32-S3 microcontroller and can be used in two modes:

- **Gateway** from RS485 to Wi-Fi/LTE CAT1, NB, and CAT-M to DCloud (DTI cloud) or AWS.
- **Standalone**, a mode in which the board processes a series of signals and sends data to the cloud.

For both versions, it is possible to interface with devices connected via Bluetooth. The electronics offer several configurations, allowing connection to Wi-Fi only or to the mobile network in any geographic area.

HIGHLIGHTS

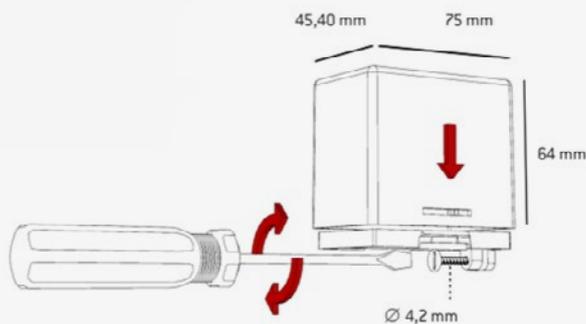|		
OTA update	Bluetooth	Client Cloud
Web Server configuration	Ecomode for energy saving	GPIOs
GSM	RS232	RS485
WIFI		

TECHNICAL FEATURES

RS485 communication (Modbus)
ESP32-S3-WROOM-1-N16 processor
Bluetooth and Wi-Fi connectivity with integrated antenna
Wi-Fi frequency: 2.4 GHz 802.11 b/g/n

TECHNICAL DRAWINGS

45,40 mm   75 mm

64 mm

Ø 4,2 mm

D530044300 - DCONNECT ALL-IN-ONE

SD CARD   STATUS LED

1															16
RS485B	RS485A	+VRS485	GND	+5V	EV OUT2	EV OUT1	PRESS	+5V	LIV REF	LVL	NTC	GND	VOLUM	GND	+VIN

dti   e-mail: info@dtindustry.com   sito: www.dtindustry.com