atim cloud wireless™
PRODUCT LINE

ACW-DINDIO
Digital Inputs/Output remote Equipment control

SMART BUILDING • ENERGETIC EFFICIENCY • INDOOR

Networks

Sigfox™

LoRaWan®

Performances

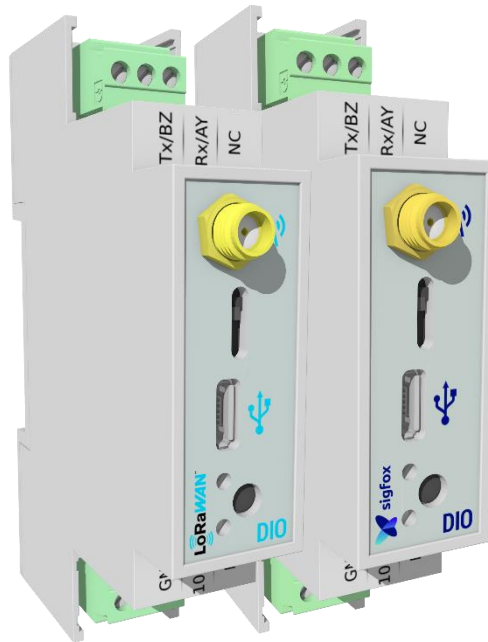Range: Up to 15km

Autonomy

External power supply

Various

Configuration by USB

SMS & Emails alerts

Web platform

sigfox ready Classe 0

LoRa

The ACW-DINDIO is a radio modem I/O with 2 digital inputs + 1 digital output "Dry contacts". It allows to know the state of a Dry contact input and to control an output, for example the, the closing of a valve, when there is a water leak.

To compare with the current technologies, the ACW-DINDIO can be connected to LoRaWAN or Sigfox, which allows to have a long range, even in isolated places.
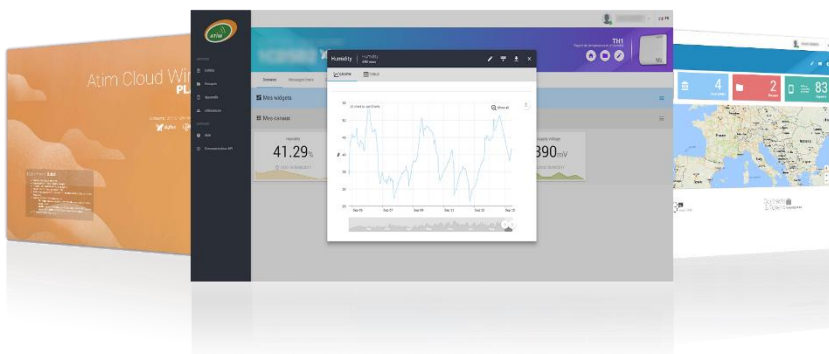
Technical features

Dimensions	90 x 57 x 67 mm
Antenna	External via SMA connector
Temperature	-20°C to +55°C (operating mode) -40°C to +70°C (storage)
Mount	DIN rail
Housing	Compact DIN format
Power supply	External 10-30Vcc
Weight	100 g
Frequency	865 – 870 MHz
Power	25 mW (14 dBm)
Rate	Sigfox: 100 bps LoRaWan: 300 bps to 10 Kbps

Consumption	Sigfox	LoRaWan
Tx mode	25 mA	23 mA
Sleep mode	10 mA	10 mA
Rx mode	20 mA	16 mA

References

- ACW/LW8-DINDIO
  LoRaWan
- ACW/SF8-DINDIO
  Sigfox

Product available with or without ACW web platform.

Atim Cloud Wireless® Platform

Control all your ATIM devices using Sigfox and LoRa on one single secured Web platform. Access and manage your IoT data very easily!

Thanks to the new LPWAN networks, device remote management and telemetry become simple and accessible to anyone.

Device management by group

First-class signal quality

SMS alerts

Emails Alerts

Secrured API

Real-time data follow-up through user-friendly control panel

Personalization of graphics and information channels

Export your data (by product or by group)

Geo-tracking of each product