

# siChock

Smart chock solution



Loading dock safety



Loading time measurement



Internet



Signaling



Cloud



Location



IP66

### OVERVIEW

SiChock encompasses a wide range of solutions adapted to the needs of each customer in the logistics area, supported by smart chock technology.

The smart chock or SiChock is a wireless vehicle restraint system with a wireless communication system that allows the exact position of the chock to be known, detecting whether it has been properly placed on the vehicle's wheel, and locking the door until it is properly positioned.

#### Strengths:

- SiChock has a built-in sensor system that identifies the exact position of the chock, preventing possible accidents. It also detects when it is in its storage support.
- The multifunction display receives signals from SiChock and allows the loading dock door to be opened or locked, thanks to three configurable relays. The high-visibility LED display incorporates a traffic light that indicates the system's status to the operator.
- SiChock is robust and waterproof, allowing for continuous and intensive use in loading and unloading centers, without the risk of damage, and can be kept in outdoor areas accessible to workers.
- It has a system for periodic sending of events to a cloud platform.
- Allows manual opening via password.
- Measurement of loading and unloading times.



Identification system for  
correctly placed chock



Activation of a relay that allows  
automatic opening of the loading  
dock door



Activation of led screen with  
green indicator to give  
access to charge



## Smart chock solution

Type	Module SiChock
Dimensions	200x60x20mm
Resistance	IP65
Power supply	Lithium thionyl chloride, 15 Ah 3.7V
Battery life	3 years*
RF band	868 mhZ LoRa®
Maximum power	18.59 dBmW

Type	Interface display
Dimensions	153.2mm x 85.7mm
Screen size	7.0 inch
Resolution	800 x 400 px
Power supply	Transformer 5 VDC/ 1A
RF Band	868 mhZ LoRa® WAN
Maximum power	18.59 dBmW

- Battery life will depend on the number of times the chock is operational
- \*\* SiChock v2 Nb-IoT/LTE-M + GPS (under development)

