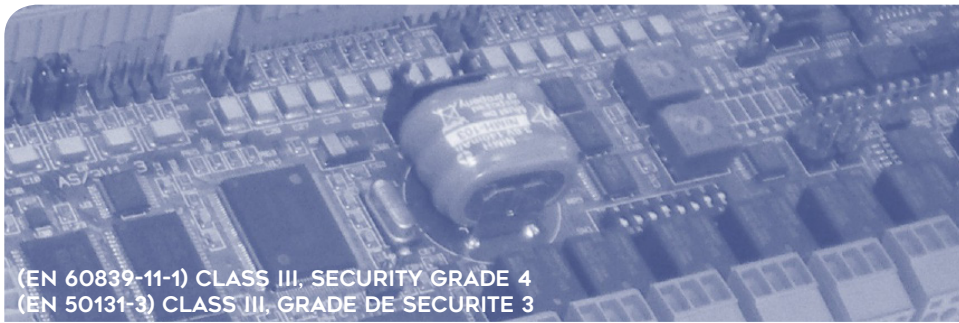


# ASD/2 CONTROLLER

## CONTROLLER FOR ACCESS CONTROL AND SIGNAL INTEGRATION

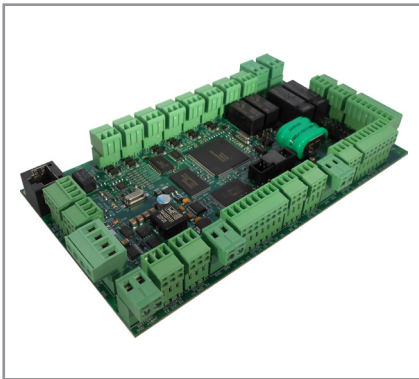
D1221000



(EN 60839-11-1) CLASS III, SECURITY GRADE 4  
(EN 50131-3) CLASS III, GRADE DE SECURITE 3



### ▶ ASD/2 CONTROLLER



DORLET ASD/2 controller is a high range controller for access control and signal integration. It allows the connection of 2 readers using the following configurations:

- 1 door with entrance and exit control.
- 2 doors with just entry control and free exit.

This configuration can be parameterized. It also has supervised control of inputs and outputs, direct connection to Ethernet (10/100Mbps), high processing speed and high programme and data storage memory capacity. It can be supplied to 220 VAC or POE (Power Over Ethernet) depending on the model of controller.

The commonest applications of the ASD/2 controller are:

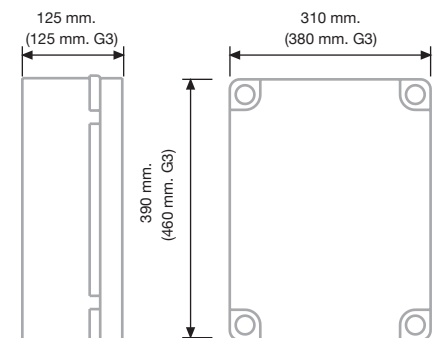
- Access Control
- Parking and Capacity Control
- Time & Attendance
- Intrusion and technical alarm control
- Lift management

The entire configuration of the controller (parameters, cards, rights, timetables, movements, etc) is stored in its internal memory, making this an extremely fast operating system, both in on-line and stand-alone mode.

Its communications via TCP-IP and its enclosure format makes it adaptable to any network architecture.

### FEATURES

- 2 complete access and/or time attendance readers and one auxiliary RS232 reader for connecting licence plate readers, printers, displays...
- High-capacity: 100,000 employee cards, 2,500 visitor cards, 10,000 car licence plates, 10,000 access transaction logs, 1,000 alarm transaction logs...
- 2 outputs (configurable) for electric lock.
- 2 magnetic contact inputs for readers, 2 exit button inputs for door opening, and 2 inputs for reader inhibition.
- 8 supervised general purpose inputs (with stand by detection, alarms, short-circuit, open circuit, antimasking, and sensor failure, 2 of them configurable as analogues).
- 8 digital outputs by relay for general purposes.



The information contained in this document is subject to change without prior warning. Nothing in this document may be interpreted as an additional warranty. DORLET S.A. does not accept responsibility for any errors or technical or editorial omissions contained in this document.

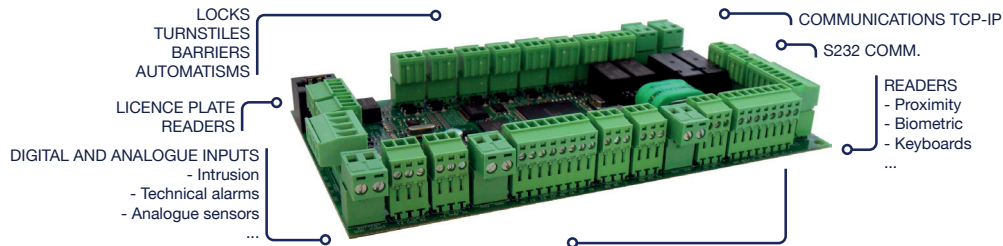
# ASD/2 CONTROLLER

## CONTROLLER FOR ACCESS CONTROL AND SIGNAL INTEGRATION

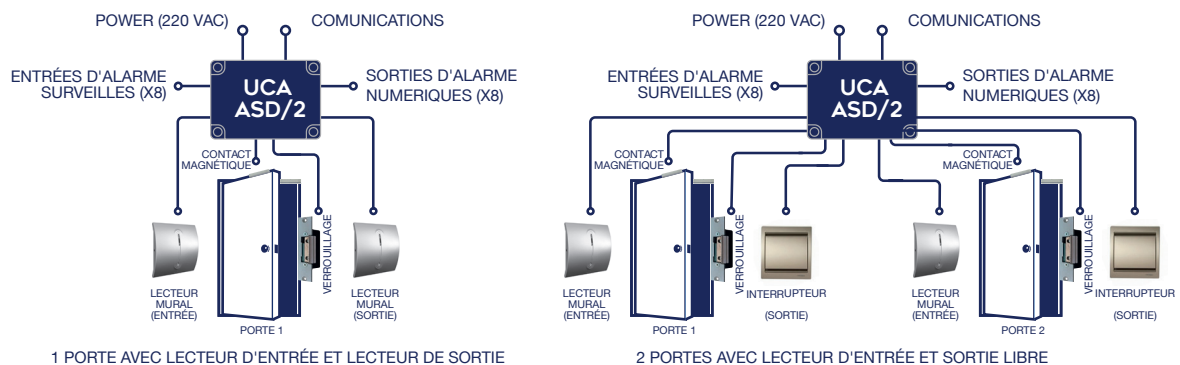
D1221000



### ▶ ASD/2 CONTROLLER



The ASD/2 controller centralizes all access control signals (readers, locks, sensors, etc...). The electrical supply that these devices require is provided by the controller and in the majority of cases no additional supply source is required.



### ▶ NORMS

ASD/2 controller fulfills norms UNE-EN 60839 GRADE 4 (access control). The ASD/2 G3 controller fulfills norm UNE-EN 50131 GRADE 3 (Access and Intrusion Control).

	UNE-EN 60839 GRADE 4	UNE-EN 50131 GRADE 3	BOX TAMPER	LID TAMPER	POWER SUPPLY GRADE 3	BATTERY 12VDC
ASD/2:	NO	NO	NO	NO	NO	NO
ASD/2-PoE+:	NO	NO	NO	NO	NO	NO
ASD/2-G:	YES	YES	YES	YES	YES	YES

### CARACTERISTIQUES

- Box tamper: The box has a tamper for detecting if the box is being removed from the wall.
- Lid Tamper: The box has a tamper for detecting if the lid has been opened.
- Grade 3 Power supply: power supply with 220VAC loss detection, low battery, battery error, low output tension and power supply error, fulfilling norm UNE-EN-50131.
- 12vdc battery supply: the G3 controller comes with a 12 VDC and 7,2Ah assuring that the controller will work for at least 4 more hours since the power cut.

The information contained in this document is subject to change without prior warning. Nothing in this document may be interpreted as an additional warranty. DORLET S.A. does not accept responsibility for any errors or technical or editorial omissions contained in this document.

# ASD/2 CONTROLLER

## CONTROLLER FOR ACCESS CONTROL AND SIGNAL INTEGRATION

D1221000



### ▶ TECHNICAL SPECIFICATIONS

#### ▶ PHYSICAL

	ASD/2	ASD/2-PoE+	ASD/2-G3
Box dimensions:	390 x 190 x 125 mm.	390 x 310 x 125 mm.	460 x 380 x 125 mm.
ASD/2 board dimensions:	100 x 183 x 30 mm.	100 x 183 x 30 mm.	100 x 183 x 30 mm.
Power supply dimensions:	82 x 99 x 36 mm.	100 x 50 x 30 mm.	100 x 213 x 40 mm.
Controller weight:	3,5 kg.	3,5 kg.	5,0 kg. (with battery)
Protection:	IP56	IP56	IP56

#### ▶ POWER SUPPLY

Power supply input:	88-264 VAC, 47/63 Hz.	PoE (IEEE® 802.3 af/at)	88-264 VAC, 47/63 Hz.
Available power*:	35 Watt.	22 Watt.	100 Watt.
Power supply output:	5 VDC. y 12 VDC.	5 VDC. y 12 VDC.	5 VDC. y 12 VDC.
Battery output:	YES (13,8 VDC.)	No	YES (13,8 VDC.)
Grade 3 signal:	No	No	YES

\* Power supply available for readers and locks.

#### ▶ COMMUNICATIONS

TCP-IP:	10/100 Mbps, connector. RJ-45, TELNET server for communications configuration.
---------	--

#### ▶ ELECTRONICS

Microcontroller:	Renesas RX63N
Specifications:	96 Mhz, 32 bits core.
Memory:	RAM 8 Mbyte.
Programme Memory:	Flash 768 Kbytes.
Conservation données:	Batterie to preserve RAM (1 month).
Mise a jour a distance:	Yes (through communications).
Horloge:	In real time

#### ▶ INPUTS AND OUTPUTS

Reader inputs:	2 (1 door with entry/exit or 2 doors with just entry).
Auxiliary inputs:	1 RS232 (car licence plates, printers, tickets, displays...).
Door digital inputs:	8 (2 buttons, 2 magnetic locks, 2 reading inhibition, 1 mailbox).
Supervised digital inputs:	8 (2 of these can be configured as analogue).
Lock outputs:	2 (configurable NA/NC nd with/without voltage).
Digital outputs:	8 (2 of them by relay).
Supplu outputs:	2 (5 VDC and 12 VDC for sensors supply).
Bus Extension:	IC2 (for I/O expansion boards).

#### ▶ CAPACITIES

- Employee cards: 100,000
- Visitor cards: 2,500
- Vehicle licence plates: 10,000
- Access transaction logs: 10,000
- Alarm transaction logs: 1,000
- Timetables with 3 type of days.
- Extended timetables with 4 time zones.
- Alarm timetables.
- Automatic opening timetables.
- PIN removal timetables.

(Standard capacities, consult other configurations)

- The controller box has a space to store a 12 VDC and 7,2 Ah (supplied with the 3G version).

- The controller provides the power supply for readers as well as locks and associated sensors (consult the consumption of each element).

- The controller allows reprogramming, updating and changing its FLASH memory through TCP-IP.

- RAM memory with battery for power cuts and data retention.

- The inputs and outputs can be distributed depending on the controller's configuration (barriers, turnstiles...) thus allowing the control of traffic lights, induction loops, etc. Consult the installation manual for the different possible configurations.

- Supervised inputs allow the detection of: short-circuit, antimasking, sensor error, open-circuit, standby and alarm.

- Antipassback
- Intimidation
- Network failure
- Forced door detection
- Door left open detection
- Bistable cards
- Special cards
- ...

The information contained in this document is subject to change without prior warning. Nothing in this document may be interpreted as an additional warranty. DORLET S.A. does not accept responsibility for any errors or technical or editorial omissions contained in this document.