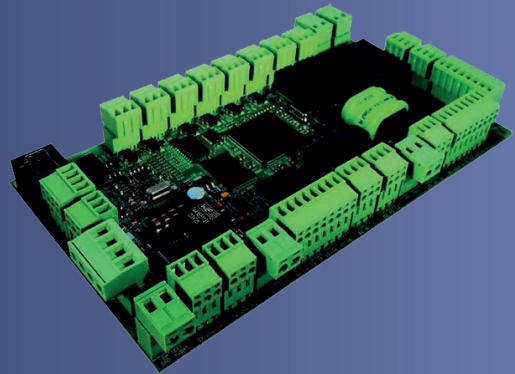


UCA ASD/2

Controller for **access control** and **signal integration**.



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

The commonest applications of the ADS/2 controller are:

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

Agile operation.

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

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...

Allows the supply of both readers and locks and associated sensors.

8 supervised general purpose inputs, 2 of them configurable as analogues.

The box of the ASD/2-G4 has a tamper for detecting if the box is being removed from the wall.

The UCA allows the reprogramming of its FLASH memory via TCP-IP.

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

The ASD/2 controller centralizes all access control signals (readers, locks, sensors, etc...).

TECHNICAL SPECIFICATIONS

	ASD/2	ASD/2-PoE+	ASD/2-G4
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.	22,7 Watt.	100 Watt.
Power supply output	5 VDC. and 12 VDC.	5 VDC. and 12 VDC.	5 VDC. and 12 VDC.
Battery output	Yes (13,8 VDC.)	No	Yes (13,8 VDC.)
Grade 3 signal	No	No	Yes
TCP-IP	10/100 Mbps., connector RJ-45, TELNET server for communications configuration.		
Encryption	AES-128		
Microcontroller	Renesas RX63N		
Specifications	96 MHz., 32 bits core		
Memory	RAM 8 Mbyte.		
Program memory	Flash 768 Kbytes.		
Data retention	Battery for preserve RAM (1 month)		
Remote update	Yes (through TCP-IP)		
Clock	In real time		

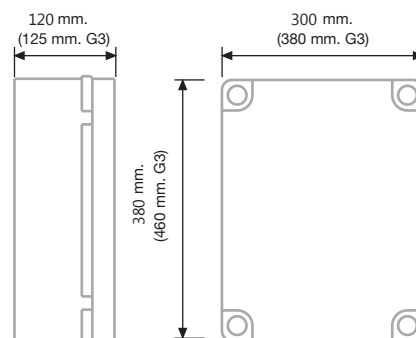
PHYSICAL SPECIFICATIONS

	ASD/2	ASD/2-PoE+	ASD/2-G4
Box dimensions	380 x 300 x 120 mm.	380 x 300 x 120 mm.	380 x 300 x 120 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.		97 x 159 x 38 mm.
Controller weight	3,4 kg.	3,4 kg.	5,6 kg. (with battery)
Reader inputs	2 (1 door with entry/exit or 2 doors with just entry).		
Auxiliary inputs	1 RS232 (car licence plates, printers, tickets, displays...).		
Digital inputs	8 (2 buttons, 2 magnetic locks, 2 reading inhibition) y 1 tamper.		
Supervised digital inputs	8 (2 of these can be configured as analogue).		
Locks outputs	2 (configurable NA/NC and with/without voltage).		
Digital outputs	8 (2 of them by relay).		
Power supply output	2 (5 VDC. and 12 VDC. for sensors supply).		
Bus extension	I2C (for I/O expansion boards).		

CAPACITIES

- Employee cards: 100.000
- Visitors cards: 2.500
- Vehicle license plates: 10.000
- Access transaction logs: 10.000
- Alarm transaction logs: 1.000
- Timetables with 3 type of days
- Extended timetables with 7 type of days
- Alarm timetables
- Automatic opening timetables
- PIN removal timetables.

(Standard capacities, consult other configurations).



CERTIFICATIONS

	UNE-EN 60839 GRADE 4	UNE-EN 50131 GRADE 4	TAMPER BOX	TAMPER LID	POWER SUPPLY GRADE 3	BATTERY 12 VDC
ASD/2	No	No	No	No	No	No
ASD/2-PoE+	No	No	No	No	No	No
ASD/2-G4	Yes	Yes	Yes	Yes	Yes	Yes



MODELS

Code	AVDS	PoE+	G4	VoIP	IoIP	LPR
D1221001						
D1221101	X			X		
D1221201	X				X	
D1221301	X					X
D1222001		X				
D1222101	X	X		X		
D1222201	X	X			X	
D1222301	X	X				X
D1223001			X			

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