DORLET

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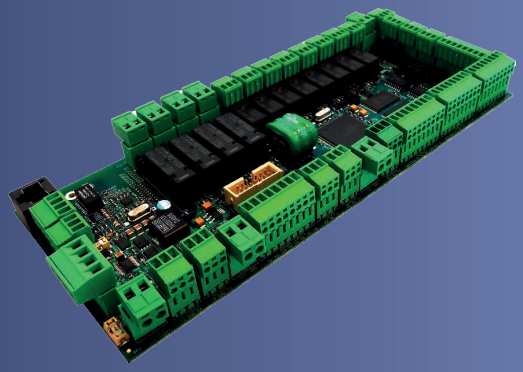
UCA ASD/4

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



DORLET UCA ASD/4 controller is a high range controller for access control and signal integration. It allows the connection of 4 readers using the following configurations:

- 2 doors with entry and exit control.
- 4 doors with just entry control and free exit.
- 1 door with entry and exit control and 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 ASD/4 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, transactions, etc...) is stored on its internal memory, making this an extremely fast operating system, in online mode and stand-alone mode as well.

High-capacity

100.000 employee cards, 2.500 visitor cards, 10.000 car licence plates, 10.000 acces 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/4-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 ADS/4 controller centralizes all access control signals (readers, locks, sensors, etc...)

TECHNICAL SPECIFICATIONS

	ASD/4	ASD/4-PoE+	ASD/4-G4
Power supply input	88-264 VAC, 47/63 Hz.	PoE (IEEE® 802.3 af/at)	88-264 VAC, 47/63 Hz.
Available power*	100 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.		
Encriptation	AES-128		
Microcontroller	Renesas RX63N		
Specifications	96 MHz., nucleo 32 bits		
Memory	RAM 8 Mbyte.		
Program memory	Flash 768 Kbytes.		
Data retention	Battery to preserve RAM (1 month)		
Remote update	Yes (through TCP-IP)		
Clock	In real time		

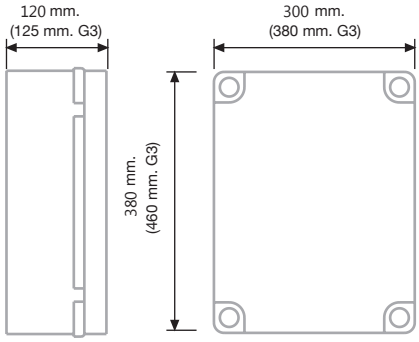
PHYSICAL SPECIFICATIONS

	ASD/4	ASD/4-PoE+	ASD/4-G4
Box dimensions	380 x 300 x 120 mm.	380 x 300 x 120 mm.	380 x 300 x 120 mm.
ASD/4 Board dimensions	100 x 239 x 30 mm.	100 x 239 x 30 mm.	100 x 239 x 30 mm.
Power supply dimensions	159 x 97 x 38 mm.		159 x 97 x 38 mm.
Controller weight	3,4 kg.	3,4 kg.	5,6 kg. (with battery)
Reader inputs	4 (2 doors with entry/exit or 4 doors with just entry)		
Auxiliary inputs	1 RS232 (car licence plates, printers, tickets, displays...)		
Digital inputs	16 (4 buttons, 4 magnetic locks, 4 reading inhibition, 2 mailbox) y 1 tamper		
Supervised digital inputs	8 (2 of them can be configured as analogue)		
Lock outputs	4 (configurable NA/NC with/whitout voltage)		
Digital outputs	8 (2 by relay)		
Power supply outputs	2 (5 VDC. and 12 VDC. for sensors supply)		
Bus extension	I2C (for I/O expansion boards)		

CAPACITIES

- Employee cards: 100.000
- Visitor cards: 2.500
- Vehicle license plates: 10.000
- Access transaction logs: 10.000
- Alarm transaction logs: 1.000
- Timetables with 3 types 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/4	No	No	No	No	No	No
ASD/4-PoE+	No	No	No	No	No	No
ASD/4-G4	Yes	Yes	Yes	Yes	Yes	Yes

MODELS

Code	AVDS	PoE+	G4	VoIP	IoIP	LPR
D1241001						
D1241101	X			X		
D1241201	X				X	
D1241301	X					X
D1242001		X				
D1242101	X	X		X		
D1242201	X	X			X	
D1242301	X	X				X
D1243001			X			