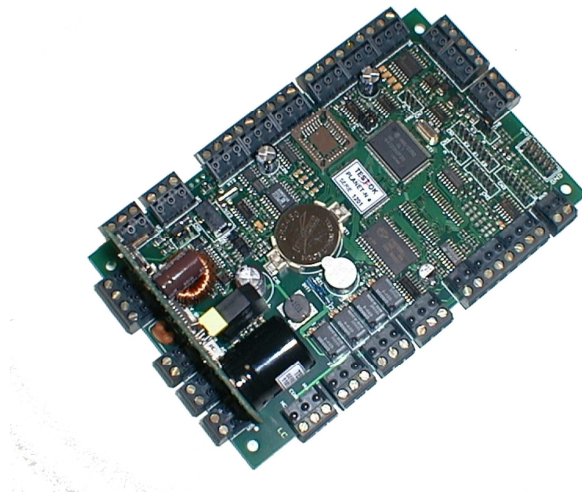


Control unit **PLANET**



The PLANET control unit is a cost effective controller for access control and time & attendance applications.

Thanks to its scalability capabilities, the PLANET control unit is the perfect solution for systems of any dimension, from small single doors installations, up to large multi-site installations.

KEY FEATURES

- Modular hardware architecture provides flexibility and expansion capabilities
- Compatible with Spazio Italia access control software
- Operates in On-Line or Stand Alone mode
- Dynamic control of memory (when in Stand Alone mode): up to 15000 users or up to 50000 events
- Supports 2 readers via Magnetic Stripe (clock & data) interface or Wiegand interface + max 2 readers via RS 232 ports (for readers with RS 232 connection)
- Compatibility with Spazio Italia readers or third party readers (through the standard interfaces Magnetic Stripe or Wiegand)
- Anti-passback functions
- Card only, PIN only or card + PIN
- 4 relays output
- Outputs activation by time zones (e.g. to switch on lights, irrigation, signs, etc.)
- Bell function: Timed activation of one of the outputs up to 24 times a day (e.g. bell / horn to signal the beginning and the end of the work periods)
- Use of justifications (max 6 digits) associated to the cards reading (only reader with keypad)
- Parking mode to manage barriers, transit loops and presence loops
- Available in the version with 12V 1,9Ah back-up battery with surge protection



PRODUCT SPECIFICATIONS

READER PORTS

2 (Magnetic Stripe or Wiegand protocol)

Some kind of readers can be connected to the serial ports RS 232

MEMORY

USERS: Default setting 5000. Up to 15000 (dynamic control of memory)

EVENTS: Default setting 34394 (21496 with justifications). Up to 50000 (dynamic control of memory)

TIME ZONES: 255 on a weekly basis + 32 holidays

DATA COMMUNICATION

COM 1: RS 232 or RS 485 (with galvanic isolation)

COM 2: RS 485

COM 3: RS 485 for the subnet management. By means of the optional board PLANET-PL-232 it is possible to convert the COM 3 in a RS 232 port

ETHERNET TCP/IP 10/100 (optional with board ETH-MOD-V)

INPUTS

6 main inputs, 1 tamper input, 4 auxiliary inputs

OUTPUTS

4 relays outputs, 1 open-collector output, 4 cmos outputs

POWER SUPPLY / POWER CONSUMPTION

PLANET-S-12 : 12—14 Vdc Max 200 mA without readers

PLANET-S-230 : 230 Vac 20VA 1,9 Ah backup battery with surge protection

OPERATING TEMPERATURE / OPERATING HUMIDITY

Operating temperature: -10°C +55°C (+14°F +131°F)

Operating humidity: 10 to 90% non-condensing

DIMENSIONS / WEIGHT

Only board (PLANET-S-CSA) 100 x 160 mm (3.93" x 6.29") 240 g (0.53 lbs)

Established in 1990, based in the North of Italy, **SPAZIO ITALIA** is an industry leader in the design and manufacturing of high quality access control and Time & Attendance systems.

Since the beginning, our mission has been satisfying our customers needs by means of reliable and state of the art products, result of a strategy focused on investment in research and innovations. All this, combined with an efficient after-sale service, makes **SPAZIO ITALIA** your perfect partner for your access control and Time & Attendance.

Please contact us, or one of our business partners to find out how **SPAZIO ITALIA** can help you.

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A member of the FAAC group

Ordering information

	PLANET-S-CSA	PLANET-S multifunction control unit for access control applications Board (PCB) only Power supply board ALI-SW3-V not included
	PLANET-S-12-P	PLANET-S control unit in a IP55 plastic housing Power supply: 12Vdc (11—14 Vdc) Dimensions: 240 x 190 x 90 mm (9.44" x 7.48" x 3.54")
	PLANET-S-12-M	PLANET-S control unit in a metallic housing Power supply: 12Vdc (11—14 Vdc) Dimensions: 300 x 260 x 100 mm (11.81" x 10.23" x 3.93")
	PLANET-S-230-P	PLANET-S control unit in a IP55 plastic housing Power supply: 230 Vac (with 1,9 Ah backup battery) Dimensions: 300 x 220 x 120 mm (11.81" x 8.66" x 4.72")
	PLANET-S-230-M	PLANET-S control unit in a metallic housing Power supply: 230 Vac (with 1,9 Ah backup battery) Dimensions: 300 x 260 x 100 mm (11.81" x 10.23" x 3.93")
	PLANET-PL-232	Additional RS 232 serial port for PLANET-S control unit (COM 3)
	ALI-SW3-V	Power supply board for PLANET-S-CSA
	ETH-MOD-V	Ethernet interface board (TCP/IP 10/100) for PLANET-S control unit



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