

A2003 – ACCESS CONTROL CONTROLLER

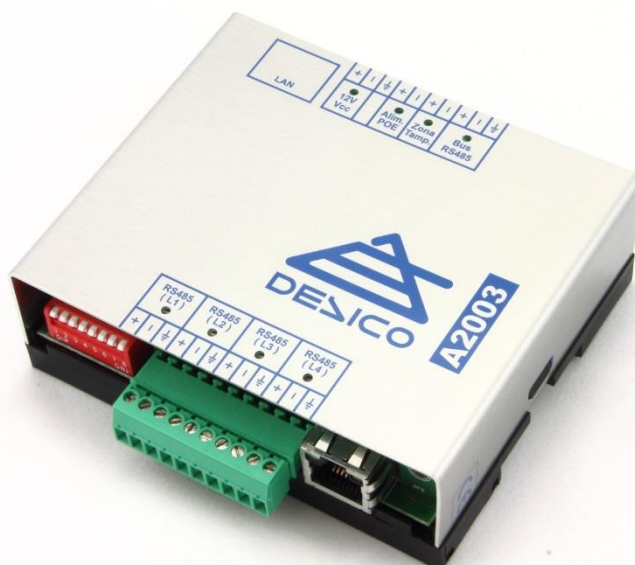
The A2003 access control module is the main system unit designed for an autonomous function.

This unit is responsible for access control data storage (user list), historic event keeping, and allowing or not allowing access to users according to its configurations. Includes an advanced web interface for an easy setup and system monitoring.

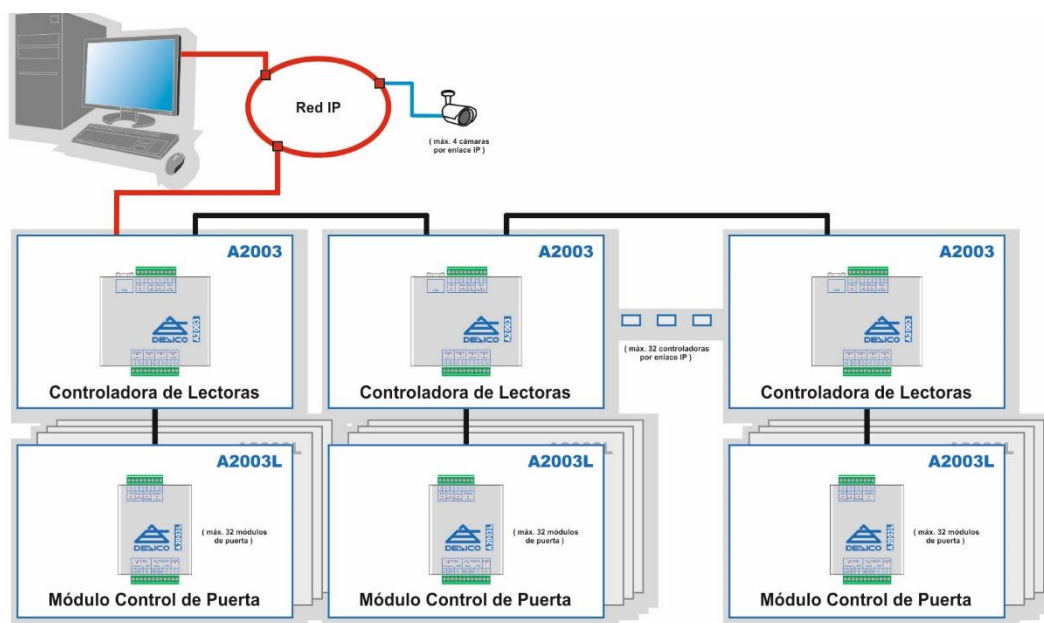
The communication to auxiliary modules (A2003L) is made through a standard RS485 bus. The A2003 System is totally compatible with Vigiplus so that integration is possible on advanced projects.

It features image capture capabilities (snapshot), from IP cameras (with built in snapshot function) triggered by access events.

It also features automatic scheduled actuations allowing to lock or release door units or modify terminal setup. You can setup a reconfiguration by time zones in order to modify the access requirements on a door unit, to change between PIN + Card access to single Card access for example.



SYSTEM ARQUITECTURE



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FEATURES

- SMD Technology.
- 32Bits MIPS Processor.
- High capacity Solid State Memory.
- Autonomous function.
- Full Vigiplus Suite compatible.
- Autonomous I2004 outputs activation.
- Automatic scheduled actuations on door units.
- Image capture capabilities from IP cameras triggered by access events.
- Dedicated tamper input NC.
- LED indicators for start-up diagnostics.
- PoE supply capable for a single door.
- Compact size for an easy installation on a Standard DIN rail.

SPECIFICATIONS

LED indicators for setup diagnostics:	12Vcc, PoE, Tamper, Bus A2003, Bus RS485.
Power supply:	12Vdc +/- 2V or PoE.
Maximum consumption:	350mA.
Connection:	Pluggable connectors (max wire size 1.5mm ²).
Sizes (wi x hi x de)	101.0 x 105.5 x 24.0 mm.
Mounting:	Standard DIN rail (35mm symmetrical).
Weight:	102.0 gr.
Temperature range:	-10°C a +55°C.
Max relative humidity without condensation:	< 93%.
Users quantity:	Up to 25.000 users.
Event quantity:	Up to 100.000 events.
Timetable quantity:	Up to 64 Timetables with 7 days + Festive.
Festive day quantity:	Up to 20 festive days.
Automatic actuations number:	Up to 64 actuations.
Image snapshot capture:	Up to 2 different IP cameras (32k JPEG máx).
Door unit control capabilities:	Up to 32 devices (A2003L).
Control bus type:	RS-485 bus.



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