

ACT-IOM

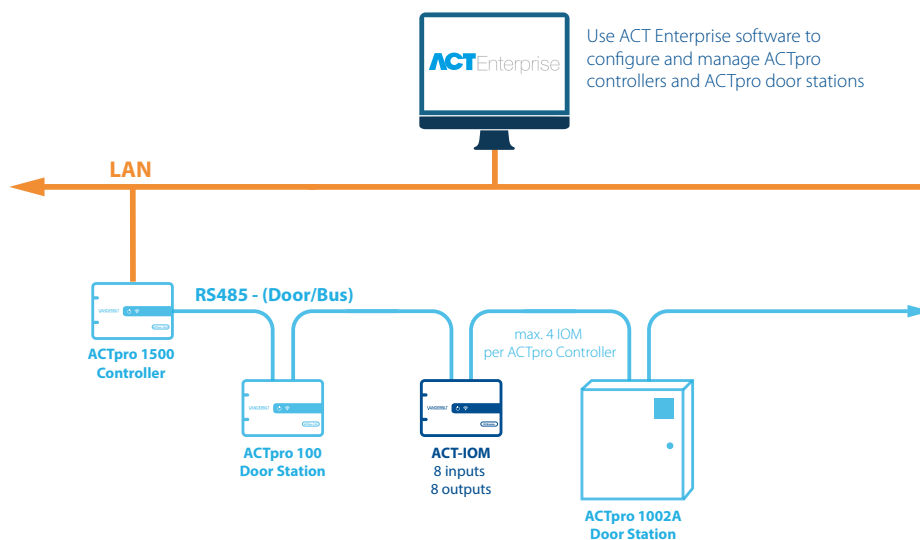
Input / Output Module



Introduction:

The ACT-IOM is an 8 Input and 8 Output device that allows an ACT controller to be used in applications where signalling to other equipment is required. Examples of this are elevator control, alarm systems, CCTV switching applications, I/O Mapping etc.

ACT-IOM Schematic:



VANDERBILT

A-100599

Edition date: 06-05-2022

Main Features - ACT-IOM:

- ✓ 8 Supervised inputs
- ✓ 8 Relay outputs (1.5A @ 30VDC or 1.5A @ 50VAC)
- ✓ Tamper protection
- ✓ Status LEDs
- ✓ Polycarbonate housing
- ✓ Input and output names
- ✓ Timer for each output
- ✓ Output switched off or on by log event, input, timezone
- ✓ Configuration and reporting supported in ACT Enterprise software
- ✓ Inputs and outputs Logged
- ✓ Normally open/closed
- ✓ Inputs monitored by timezone

ACT-IOM Applications:

Elevator control

For elevator control a user presents a credential to a reader that is fixed to the elevator car. to the proximity reader when they enter the cab (also called a "cage", "carriage" or "car"). This enables the buttons for the floors to which the user has access. The buttons stay on for a programmable duration and then switch off when the user selects the floor.

Alarm Systems

The ACT-IOM can be programmed to activate a relay on alarm events such as tamper, door forced, mains fail etc. It can also monitor the status of inputs and switch an output when the input changes state. All changes are logged in ACT Enterprise software.

Building Management

The ACT-IOM allows ACT controllers be used in building management applications. It can switch an output to turn on heating or lighting at certain times or only when someone is present. It can also switch off heating when the last person has left the room, saving on energy costs.

CCTV systems

Using an ACT-IOM allows switching of CCTV cameras when someone enters a room or when access is denied. When used in combination with the Challenge feature of ACT Enterprise software the image on the camera may be compared against a pre-stored photo.



Installation / Specification Guidelines

- Up to 4 ACT-IOMs may be connected to each ACT controller, giving control of up to 32 inputs and 32 outputs for each controller
- The controllers may be networked to control up to 1000 inputs and 1000 outputs maximum
- The device may be installed indoors only and requires +9V or 28V DC supply voltage



ACT-IOM

Input / Output Module

Product Specification:

	ACTpro-IOM
Operating Voltage	9 - 28V DC
Current Consumption	300 mA
Weight	375 grams
Operating Temperature	-10 to +50 C
Dimensions (HxWxD)	250x175x60 mm
Mounting	Surface
Installation	Indoor

Ordering information:

Part Code	Material Number	EAN Number	Description
ACT-IOM	V54506-B100-A100	7330082004546	ACT-IOM 8 Input/8 Output module
ACTpro-1500	V54502-C111-A100	7330082004522	Single door IP Controller
ACTpro-15002A	V54502-C143-A100	7330082004539	Single door IP Controller with 2Amp 12V DC PSU
ACTpro-1500PoE	V54502-C112-A100	7330082004553	Single door IP Controller with PoE++ PSU
ACTpro-IOM	V54506-B100-A100	7330082004546	IO Module (8 Inputs and 8 Outputs)



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