

ACTpro IOM

Product Specification

Operating Voltage:	12 Volts DC
Current Consumption:	300 mA
Weight:	375 grams
Operating Temperature:	-10 to +50 C
Dimensions (HxWxD):	110 x 190 x 60 mm
Mounting:	Surface
Installation:	Indoor

Input / Output Module

ACT

Access Control Technology

ACTpro IOM

Cabling Chart

From	To	Cable	Restriction
ACTpro IOM	Controller	Twisted screen pair or Cat 5	Maximum 1.4km
Reader	Controller	8 core screen	30m at 5volts 100m at 12volts
ACTpro 100/200	Controller	Twisted screen pair or Cat 5	Maximum 1.4km
Controller	PC Direct RS232	Twisted screen pair or Cat 5	Maximum 30m
Controller	Network RS485 interface	Twisted screen pair or Cat 5	Maximum 1.4km
Network RS485 interface	PC	Cable Supplied	Maximum 30m

Ordering Information

I/O Module	ACTpro IOM
Controller	ACTpro 3000/2000

ACTpro IOM Applications

Elevator control

In this application, a user presents a card to the proximity reader when they enter the cab. This enables the buttons for the floors to which the user has access. The buttons stay on for a programmable amount of time (normally 7 seconds) and then switch off. When the user selects the floor, the buttons turn off.

Alarm Systems

The unit 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 certain inputs and switch an output when the input changes state. All changes are fully logged in ACTWin pro complete with timestamp.

Building Management

The ACTpro IOM allows ACT controllers to 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 ACTpro 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 ACTWin pro, the image on the camera may be compared against a pre-stored photo.



ACTpro 3000/2000



ACTpro 100
Door Expander



ACTpro 200
2 Door Expander