

IO-Digital8 Sensor (IODC8)A



The IO-digital8 sensor adds 8 dry contacts to the securityProbe or expansion module base unit. With 8 ALARM/NORMAL indication in the securityProbe 5E web interface it provides instant notification for changes of status. The sensor can be mounted on a wall by your alarm panel, or using our DIN rail clips can be DIN rail mounted. A standard CAT5 cable connects the IO-digital8 sensor to the intelligent sensor port.

Technical Specifications

Measurement Range	Input: Alarm or Normal Output: Set or Reset
Sensor Type	Input : Open / Closed contact switch Output : High (5V) / Low (GND)
Contact voltage range	5 volts pulled-up dry contacts*
Input Measurement Rate	Multiple readings every second Normal input state is settable under software on each of the 8 dry contacts
Electrical Output	Normally open, normally closed is settable under software on each of the 8 dry contacts Can sink up to 20mA** on each of the 8 dry contacts (when set to Low)
Interface	
Communications Cable	RJ45 jack to sensor using UTP Cat 5 wire
Communications Cable Max. length	RJ45 jack to sensor using UTP Cat 5 wire, Maximum extension cable length 305m (1000 ft.) with approved low capacitance shielded cable or UTP
Power Source	Powered by the sensorProbe+ or securityProbe+. No additional power needed
	Full autosense including disconnect alarm
Important Note	*Dry Contacts are not isolated, don't connect any voltage source ** Dry contact output is not suitable for directly driving a relay
Sensor count	8

IODC8 - Technical Drawing

