






# Output and Control Peripherals


Distributed measurement peripherals



Output and control peripherals enable you to add channels to control other devices, such as activating external devices and increasing the number of digital output or digital input channels of a data logger. Some of these peripherals have built-in relays to control external devices, and other peripherals may require connected relays depending on what you want to control.

		Function	Number of Channels	Operating Temperature	Operating Voltage
<p><b>SDM-IO16A</b> 16-Channel Input/Output Module</p> <p>Popular</p> 		Expands the digital input and/or output capability of a data logger.	16	-40° to +70°C	12 Vdc (nominal 9 to 18 V)
<p><b>SDM-CD16AC</b> 16-Channel AC/DC Relay Controller</p> 		Allows a data logger to automatically activate external ac or dc devices such as motors, pumps, heaters, valves, and fans.	16	-25° to +50°C	12 Vdc nominal (11 to 18 Vdc)
<p><b>SDM-CD8S</b> 8-Channel Solid-State DC Controller</p> 		Allows the data logger to control dc devices that have a moderate current load, such as solenoids, solenoid valves, dc motors, stepper motors, lights, horns, heaters, and fans.	8	-40° to +70°C	12 Vdc

		<i>Function</i>	<i>Number of Channels</i>	<i>Operating Temperature</i>	<i>Operating Voltage</i>
<b>SDM-CD16S</b> 16-Channel Solid-State DC Controller		Allows the data logger to control dc devices that have a relatively high-powered load, such as solenoids, solenoid valves, dc motors, stepper motors, lights, horns, heaters, and fans.	16	-40° to +70°C	12 Vdc
<b>SDM-CVO4</b> 4-Channel Current and Voltage Output Module		Expands data logger current/voltage output capability.	4	-25 to +50°C	12 Vdc nominal (8 to 16 V)
<b>SDM-AO4A</b> 4-Channel Analog Output Module		Increases the number of continuous analog output (CAO) ports available to a data logger. CAOs are used for proportional control or driving strip charts.	4	-40° to +60°C	12 Vdc nominal (9.6 to 16 Vdc)
<b>SW12V</b> 12 V Power Switch Assembly		Enables a data logger to determine whether 12 Vdc power is passed onto an external device.	—	—	—
<b>A6REL-12</b> 6-Channel Relay Driver with Manual Override		Controls up to 12 external ac or dc devices.	6	-40° to +70°C	12 Vdc nominal (8.4 to 24 Vdc)
<b>A21REL-12</b> 4-Channel Relay Driver		Allows a data logger to control up to four external ac or dc devices.	4	-25° to +50°C	12 Vdc
<b>LR4</b> 4-Channel Latching-Relay Module		Used in situations with unreliable power or where power needs to be conserved.	4	-40° to +60°C	12 Vdc nominal (9 to 30 Vdc)

		<i>Function</i>	<i>Number of Channels</i>	<i>Operating Temperature</i>	<i>Operating Voltage</i>
<b>7321</b> SPST Single-Channel Solid-State Relay		Allows a data logger to control one or two dc devices.	1	-40° to +100°C	1 to 100 Vdc

For comprehensive details, visit: [www.campbellsci.com/output-control-peripherals](http://www.campbellsci.com/output-control-peripherals) 



Campbell Scientific, Inc. | 815 W 1800 N | Logan, UT 84321-1784 | (435) 227-9120 | [www.campbellsci.com](http://www.campbellsci.com)  
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