

## Cisco Physical Access Output Module

The Cisco® Physical Access Output Module (Figure 1) is an optional module that can be connected to the Cisco Physical Access Gateway to expand the solution to include additional outputs.

The Cisco Physical Access Output Module can connect up to 8 outputs, each of which can be configured as Normally Open (NO) or Normally Closed (NC). The module must be used in conjunction with a Cisco Physical Access Gateway, and cannot be used standalone.

**Figure 1.** Cisco Physical Access Output Module



### Connectors

Table 1 describes the connectivity and connectors of the Cisco Physical Output Module.

**Table 1.** Cisco Physical Access Output Module Connectors

Connector	Description
<b>Outputs</b>	Eight Form C relay outputs, with contacts rated 5A @ 30V DC or 125VAC (resistive). Each can be configured as either Normally Closed (NC) or Normally Open (NO).
<b>Tamper Input</b>	Unsupervised input; raises a "tamper" alarm when activated. Can be repurposed for general use by software configuration.
<b>Power Fail Input</b>	Unsupervised input; raises a "power fail" alarm when activated. Can be repurposed for general use by software configuration.
<b>Power</b>	2-pin connector for connecting a 12 to 24 VDC external power source.
<b>CAN Bus</b>	A 3-wire connection is used to connect to the controller area network (CAN) bus.
<b>CAN Termination</b>	A switch allows for the CAN bus to be terminated. This is needed for the last module on the CAN bus.

## Specifications

Table 2 provides specifications of the Cisco Physical Access Output Module.

**Table 2.** Cisco Physical Access Output Module Mechanical Specifications

Item	Description			
<b>Housing</b>	Aluminum			
<b>Dimensions (LxWxH)</b>	<ul style="list-style-type: none"> <li>5 x 7 x 1.46 in.</li> <li>127 x 178 x 37 mm</li> </ul>			
<b>Weight</b>	<b>Without Plugs and Brackets</b>	<b>With Plugs</b>	<b>With Brackets</b>	<b>With Plugs and Brackets</b>
	1.43 lb (648 g)	1.53 lb ( 716 g)	1.59 lb ( 722 g)	1.69 lb ( 790 g)
<b>Certifications</b>	<ul style="list-style-type: none"> <li>FCC</li> <li>UL</li> <li>CE</li> </ul>			
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>Indoors only</li> <li>32 to 122°F (0 to 50°C)</li> </ul>			
<b>Humidity</b>	5 to 95% relative, non-condensing			
<b>Power</b>	12 to 24 VDC (+/- 10%) through an external power supply			

## Package Contents

Table 3 describes the items that ship with the Cisco Physical Access Output Module.

**Table 3.** Package Contents

Item		
Cisco Physical Access Output Module		
Connector plugs	<b>Pin</b>	<b>Qty</b>
	3	9
	2	3
2 mounting brackets, with 4 screws for each bracket		
Regulatory compliance and safety information		
Quick start guide		

## Availability

The Cisco Physical Access Input Module is available through Cisco Authorized Technology Provider (ATP) Partners.

## Ordering Information

Table 4 lists the part numbers for the Cisco Physical Output Module.

**Table 4.** Ordering Information

Part Number	Description
<b>CIAC-GW-OP8</b>	Cisco Physical Access Output Module

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## For More Information

For more information about the Cisco Physical Access Output Module, visit <http://www.cisco.com/go/eac> or contact your local account representative.



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