

## 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

## Service and Support

Cisco offers a wide range of services programs to accelerate customer success. These innovative programs are delivered through a unique combination of people, processes, tools, and partners, resulting in high levels of customer satisfaction. Cisco services help you to protect your network investment, optimize network operations, and prepare your network for new applications to extend network intelligence and the power of your business. For more information about Cisco services, visit [Cisco Technical Support Services](#) or [Cisco Advanced Services](#).

## 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.



Americas Headquarters  
Cisco Systems, Inc.  
San Jose, CA

Asia Pacific Headquarters  
Cisco Systems (USA) Pte. Ltd.  
Singapore

Europe Headquarters  
Cisco Systems International BV  
Amsterdam, The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at [www.cisco.com/go/offices](http://www.cisco.com/go/offices)

CCDE, CCENT, Cisco Eos, Cisco StadiumView, the Cisco logo, DCE, and Welcome to the Human Network are trademarks. Changing the Way We Work, Live, Play, and Learn is a service mark and Access Register. Airont, AnyraOS, Bringing the Meeting To You, Catalyst, CCA, CCDA, CCIE, CCIE, CCIP, CCNA, CCNP, CCSP, CCVP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Collaboration Without Limitation, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Event Center, Fast Step, Follow Me Browsing, FunShare, Gigaset, HomeLink, Internet Quotient, IQS, iPhone, IQ Experience, the IQ logo, IQ Net, Roadshow Scorecard, iQuick Study, IronPort, the IronPort logo, LightStream, Linksys, MediaTone, MeetingPlace, MQX, NetAssess, Networking Academy, Network Registrar, PCNow, PIX, PowerPanel, ProConnect, ScriptShare, SenderBase, SMARTnet, Spectrum Expert, StackWise, The Reason Way to Increase Your Income, Customer, Tensitech, WebEx, and the WebEx logo are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. ©2008