

Cisco Physical Access Input Module

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

The Cisco Physical Access Input Module can connect up to 10 inputs, each of which can be configured as supervised or unsupervised. The module must be used in conjunction with a Cisco Physical Access Gateway, and cannot be used standalone.

Figure 1. Cisco Physical Access Input Module



Connectors

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

Table 1. Cisco Physical Access Input Module Connectors

Connector	Description
Inputs	10 inputs, each of which can be configured as supervised or unsupervised.
Tamper Input	Unsupervised input; raises a "tamper" alarm when activated. Can be repurposed for general use by software configuration.
Power Fail Input	Unsupervised input; raises a "power fail" alarm when activated. Can be repurposed for general use by software configuration.
Power	2-pin connector for connecting a 12 to 24 VDC external power source.
CAN Bus	A 3-wire connection is used to connect to the Controller Area Network (CAN) bus.
CAN Termination	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 Input Module.

Table 2. Cisco Physical Access Input Module Mechanical Specifications

Item	Description			
Housing	Aluminum			
Dimensions (LxWxH)	<ul style="list-style-type: none"> 5 x 7 x 1.46 in. 127 x 178 x 37 mm 			
Weight	Without Plugs and Brackets	With Plugs	With Brackets	With Plugs and Brackets
	1.24 lb (562 g)	1.34 lb (630 g)	1.4 lb (636 g)	1.5 lb (704 g)
Certifications	<ul style="list-style-type: none"> FCC UL CE 			
Operating Temperature	<ul style="list-style-type: none"> Indoors only 32 to 122°F (0 to 50°C) 			
Humidity	5 to 95% relative, non-condensing			
Power	12 to 24 VDC (+/- 10%) through an external power supply			

Package Contents

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

Table 3. Package Contents

Item		
Cisco Physical Access Input Module		
Connector plugs	Pin	Qty
	3	1
	2	13
20 resistors (1K) for input supervision		
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 Input Module.

Table 4. Ordering Information

Part Number	Description
CIAC-GW-IP10	Cisco Physical Access Input Module

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For More Information

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



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