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## Overview

The Cisco 2900 series integrated services router offers embedded hardware encryption acceleration, voice- and video-capable Digital Signal Processor (DSP) slots, intrusion prevention, call processing, voice mail, and application services. CISCO2911-SEC/K9 is almost the same as CISCO2911, except that it offers Security bundle.

## Quick Specification

Table 1 shows the Quick Specs of the CISCO2911-SEC/K9.

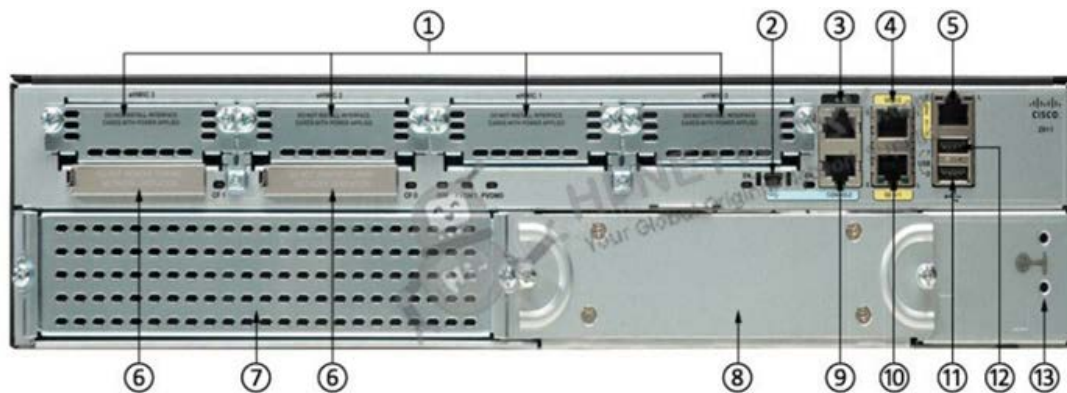
Product Code	CISCO2911-SEC/K9
Bundle	Security Bundle w/SEC license PAK
Rack Units	2RU
Interfaces	3 integrated 10/100/1000 Ethernet ports (RJ-45 only)
Expansion Slot(s)	1 service module slot 1 Internal Service Module slot 2 onboard digital signal processor (DSP) slots 4 enhanced high-speed WAN interface card slots
RAM	512 MB (installed) / 2 GB (max)
Flash Memory	256 MB (installed) / 8 GB (max)
Dimensions	43.8 cm x 30.5 cm x 8.9 cm
Package Weight	16.15 Kg

Figure 1 shows the front view of CISCO2911-SEC/K9.



## Product Details

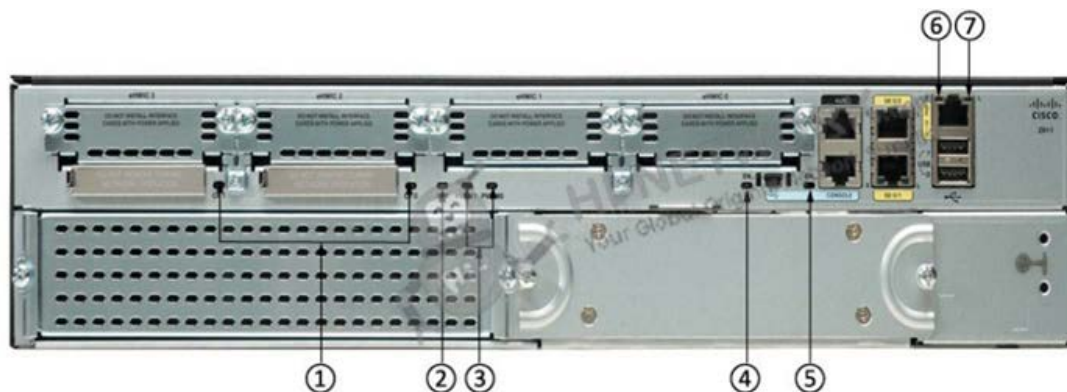
Figure 2 shows the ports on the back panel of CISCO2911-SEC/K9.



Note:

(1)	EHWIC slots 0, 1, 2, and 3 (0, Far right)	(8)	AC, DC, AC-POE, or DC-POE Power Module
(2)	USB serial port	(9)	RJ-45 serial console port
(3)	AUX	(10)	10/100/1000 Ethernet port (GE0/1)
(4)	10/100/1000 Ethernet port (GE0/2)	(11)	USB 0
(5)	10/100/1000 Ethernet port (GE0/0)	(12)	USB 1
(6)	CompactFlash 0 and 1 (0, Right)	(13)	Ground
(7)	Service module slot 1		

Figure 3 shows the LEDs on the back panel of CISCO2911-SEC/K9.



Note:

(1)	CompactFlash 0 and 1 (0, Far right)	(5)	EN (Enable RJ-45 console)
(2)	ISM	(6)	S (Speed)
(3)	PVDM3 PVDM 0, 1, (0, Far right LED)	(7)	L (Link)
(4)	EN (Enable USB console)		

## The Modules and Cards

Table 2 shows some recommended modules and cards for this router.

Models	Description
<a href="#">SM-ES3G-16-P</a>	Enhanced EtherSwitch Service Module, L2/L3 switching, 16* 10/100/1000 GE ports, Enhanced POE, Cisco EnergyWise technology
<a href="#">SM-ES3G-24-P</a>	Enhanced EtherSwitch Service Module, L2/L3 switching, 24 * 10/100/1000 GE ports, Enhanced POE, Cisco EnergyWise technology
<a href="#">VWIC3-2MFT-G703</a>	Cisco Voice/WAN Card VWIC3-2MFT-G703
<a href="#">HWIC-2T</a>	2-Port Serial WAN Interface Card Cisco Router High-Speed WAN Interface card
<a href="#">EHWIC-1GE-SFP-CU</a>	Cisco 1900, 2900, 3900 Router EHWIC WAN Card EHWIC-1GE-SFP-CU
<a href="#">EHWIC-4ESG</a>	Four port 10/100/1000 Base-TXGigabit Ethernet switch interface card for Cisco1900 2900 3900Routers
ISM-SRE-300-K9	Internal Services Module (ISM) with Services Ready Engine
<a href="#">PVDM3-16</a>	16-channel high-density voice DSP module
<a href="#">MEM-CF-256U1GB</a>	256MB to 1GB Compact Flash Upgrade for Cisco 1900,2900,3900
<a href="#">MEM-CF-256U2GB</a>	256MB to 2GB Compact Flash Upgrade for Cisco 1900,2900,3900
<a href="#">MEM-CF-256U512MB</a>	256MB to 512MB CF Upgrade for Cisco 1900,2900,3900 ISR
<a href="#">MEM-CF-256U4GB</a>	256MB to 4GB Compact Flash Upgrade for Cisco 1900,2900,3900
MEMUSB-1024FT	1GB USB Flash Token

## Get More Information

Do you have any question about the CISCO2911-SEC/K9?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).

## Specification

CISCO2911-SEC/K9 Specification	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	CISCO2911-SEC/K9
Product Type	Router
Form Factor	External - modular - 2U
Dimensions (WxDxH)	43.8 cm x 30.5 cm x 8.9 cm
Weight	8.2 kg
DRAM Memory	512 MB (installed) / 2 GB (max)

Flash Memory	256 MB (installed) / 8 GB (max)
Routing Protocol	OSPF, IS-IS, BGP, EIGRP, DVMRP, PIM-SM, IGMPv3, GRE, PIM-SSM, static IPv4 routing, static IPv6 routing
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Network / Transport Protocol	IPsec
Remote Management Protocol	SNMP, RMON
Features	Firewall protection, hardware encryption, VPN support, MPLS support, Syslog support, content filtering, IPv6 support, Class-Based Weighted Fair Queuing (CBWFQ), Weighted Random Early Detection (WRED), Dynamic Multipoint VPN (DMVPN)
Compliant Standards	IEEE 802.1Q, IEEE 802.3af, IEEE 802.3ah, IEEE 802.1ah, IEEE 802.1ag
Power	AC 120/230 V (50/60 Hz)
Manufacturer Warranty	90 days warranty

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