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Overview

The Cisco 2911 router, supporting voice module, is designed for medium-sized branch. CISCO2911-V/K9 includes Voice bundle.

Quick Specification

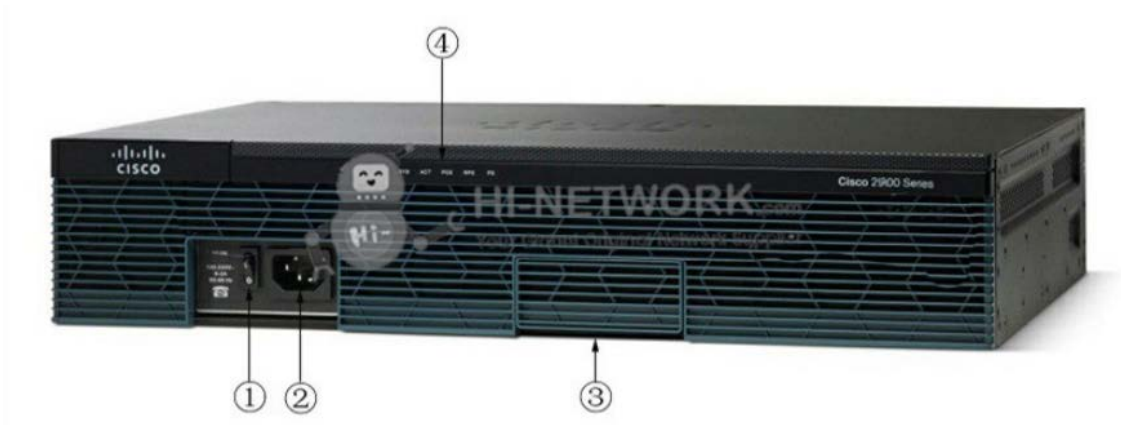**Table 1 shows the Quick Specs of the Cisco2911-V/K9.**

Product Code	Cisco2911-V/K9
Voice Bundle	· High-density-packet voice DSP module, optimized for voice and video support · Standards-certified VoiceXML browser services · Cisco Unified Border Element capabilities · Cisco Unity Express voicemail support · Support for Cisco Communications Manager Express and Survivable · Remote Site Telephony
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

Figure 1 shows the product appearance of Cisco2911-V/K9.

Product Details

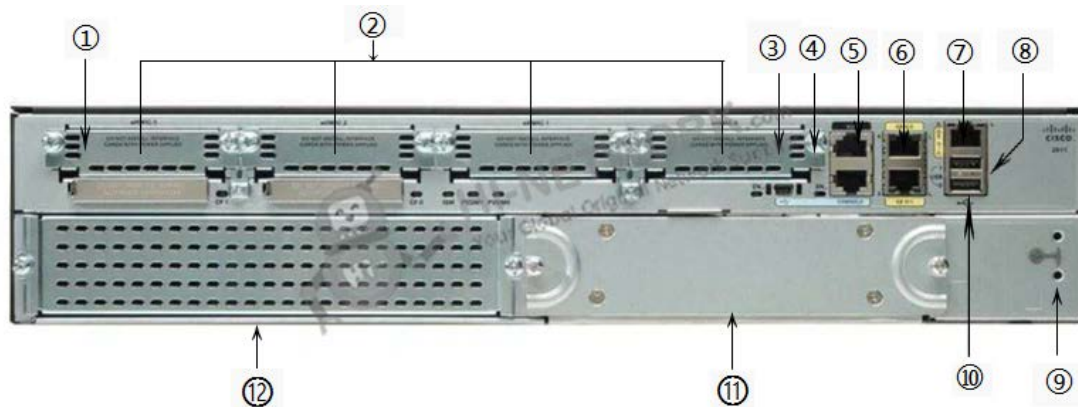**Figure 2 shows the front panel of CISCO2911-V/K9.**

Note:

(1)	On/Off switch	(3)	Optional RPS adapter (blank panel shown)
(2)	AC power connector	(4)	LEDs area

The switch and power connector of the 2911 is on the front bezel, below the LEDs. Furthermore, this router provides an optional Redundant Power System (RPS) adapter.

Figure 3 shows the expansion slots and ports on the back panel.

Note:

(1)	Compact flash 0 and 1 (0, right)	(7)	10/100/1000 Ethernet port GE 0/0
(2)	EHWIC 0,1,2 and 3 (0, far right)	(8)	USB 1
(3)	USB serial port	(9)	Ground connector
(4)	Console port	(10)	USB 0
(5)	AUX	(11)	AC or DC or AC-POE Power module
(6)	10/100/1000 Ethernet port GE 0/1 and GE 0/2 (0/1, down)	(12)	Service module slot 1

Modularity Features

Table 2 shows some recommended models for this router.

Models	Description
SM-ES3G-16-P	Enhanced EtherSwitch Service Module, L2/L3 switching, 16* 10/100/1000 GE ports, Enhanced POE, Cisco EnergyWise technology
SM-ES3G-24-P	Enhanced EtherSwitch Service Module, L2/L3 switching, 24 * 10/100/1000 GE ports, Enhanced POE, Cisco EnergyWise technology
HWIC-2T	2-Port Serial WAN Interface Card Cisco Router High-Speed WAN Interface card
EHWIC-1GE-SFP-CU	Cisco 1900, 2900, 3900 Router EHWIC WAN Card EHWIC-1GE-SFP-CU
EHWIC-4ESG	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
MEM-CF-256U1GB	256MB to 1GB Compact Flash Upgrade for Cisco 1900,2900,3900
MEM-CF-256U2GB	256MB to 2GB Compact Flash Upgrade for Cisco 1900,2900,3900
MEM-CF-256U512MB	256MB to 512MB CF Upgrade for Cisco 1900,2900,3900 ISR
MEM-CF-256U4GB	256MB to 4GB Compact Flash Upgrade for Cisco 1900,2900,3900
MEMUSB-1024FT	1GB USB Flash Token

The Licenses

Table 3 shows the recommended license.

Licenses	Description
L-SL-29-SEC-K9=	Cisco 2900 License L-SL-29-SEC-K9 Security E-Delivery PAK for Cisco 2901-2951
L-SL-29-APP-K9	Cisco Application Experience License ISR 2900 Series - includes licenses for: AppX, DATA and WAASX
L-SL-29-SECNPE-K9	Cisco 2900 License L-SL-29-SECNPE-K9 SEC No Payload Encryption E PAK for Cisco 2901-2951
L-SL-29-UC-K9	Cisco 2900 License L-SL-29-UC-K9= Unified Communication E-Delivery PAK for Cisco 2901-2951

Compare to Similar Routers

Table 4 shows the comparison of CISCO2911-V/K9 and CISCO2911/K9.

Model	CISCO2911-V/K9	CISCO2911/K9
Bundle	Voice	None
Interface	3GE	3GE
EHWIC slot	4	4

SIM Slot	1	1
SFP	0	0
Memory	512MB (installed) / 2 GB (max)	512MB (installed) / 2 GB (max)
Flash Memory	256MB (installed) / 8 GB (max)	256MB (installed) / 8 GB (max)
Rack Unit	2 U	2 U

Get More Information

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

Contact us now via info@hi-network.com.

Specification

CISCO2911-V/K9 Specifications	
Manufacturer	Cisco Systems, Inc
Manufacturer Part Number	CISCO2911-V/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
Remote Management Protocol	SNMP, RMON
Digital Ports Qty	16
Features	Firewall protection, VPN support, MPLS support, Syslog support, IPv6 support, Class-Based Weighted Fair Queuing (CBWFQ), Weighted Random Early Detection (WRED)
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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