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Overview

Cisco 2951 Integrated Services Router (ISR) delivers highly secure data, voice, video, and application services for small offices. CISCO2951-SEC/K9 is almost the same as CISCO2951/K9, except that it offers Security bundle.

Quick Specification

Table 1 shows the Quick Specs of the CISCO2951-SEC/K9.

Product Code	CISCO2951-SEC/k9
Bundle	Security Bundle w/SEC license PAK
Rack Units	2U
Interfaces	3 integrated 10/100/1000 Ethernet ports with 1 port capable of RJ-45 or SFP connectivity
Expansion Slot(s)	2 service module slot 1 Internal Service Module slot 3 onboard digital signal processor slots 4 Enhanced high-speed WAN interface card (EHWIC) slots
RAM	512 MB (installed) / 2 GB (max) - DDR2 SDDRAM Memory
Flash Memory	256 MB (installed) / 8 GB (max)
Dimensions	47 cm x 43.8 cm x 8.9 cm
Package Weight	17.82 Kg

Figure 1 shows the front view of CISCO2951-SEC/K9.

Product Details

Figure 2 shows the ports on the back panel of CISCO2951-SEC/K9.
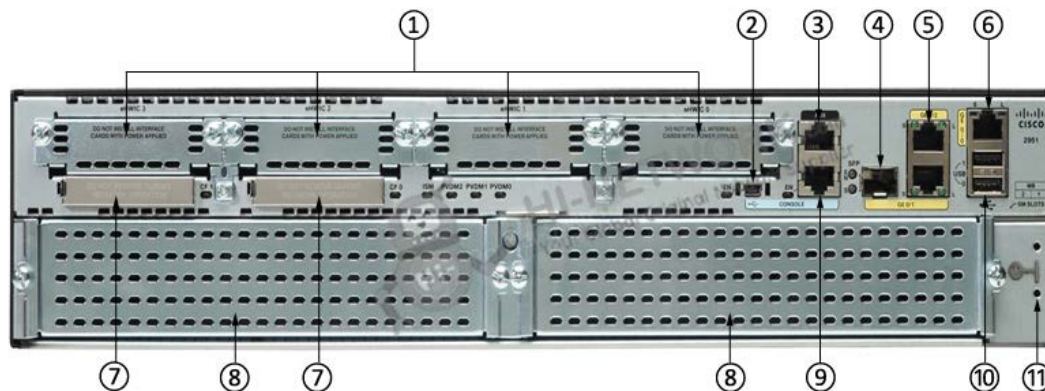
Note:

(1)	EHWIC slots 0,1,2, and 3 (0, Far right)	(7)	CompactFlash 0 and 1 (0, Right)
(2)	USB serial console port	(8)	Service module slots SM1 and SM2 (1, Right on 2951), (1, left on 2921)
(3)	AUX port	(9)	RJ-45 serial console port
(4)	SFP	(10)	USB0 and USB1 (1, Top)
(5)	10/100/1000 Ethernet ports (GE 0/1 and GE 0/2 (GE 0/2, Top)	(11)	Ground
(6)	10/100/1000 Ethernet port GE 0/0		

Figure 3 shows the LEDs on the back panel of CISCO2951-SEC/K9.
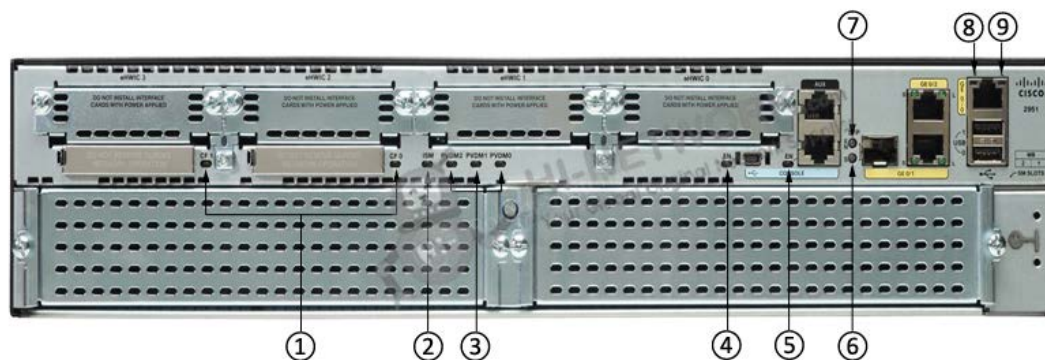
Note:

(1)	CompactFlash 0 and 1 (0, Right)	(6)	SFP S
(2)	ISM	(7)	SFP EN
(3)	PVDM3 0,1, and 2 (0, Right)	(8)	S (Speed)
(4)	EN (Enable USB console)	(9)	L (Link)
(5)	EN (Enable RJ-45 console)		

The Modules and Cards

Table 2 shows some recommended modules and cards 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
VWIC3-2MFT-G703	Cisco Voice/WAN Card VWIC3-2MFT-G703
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
PVDM3-16	16-channel high-density voice DSP module
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

Compare to Similar Items

Table 3 shows the comparison between CISCO2951-SEC/K9 and CISCO2951/K9.

Model	CISCO2951-SEC/K9	CISCO2951/K9
Interfaces	3 integrated 10/100/1000 Ethernet ports with 1 port capable of RJ-45 or SFP connectivity	3 integrated 10/100/1000 Ethernet ports with 1 port capable of RJ-45 or SFP connectivity
Memory	512 MB (installed) / 2 GB (max) - DDR2 SDDRAM Memory	512 MB (installed) / 2 GB (max) - DDR2 SDDRAM Memory
Flash	256 MB (installed) / 8 GB (max)	256 MB (installed) / 8 GB (max)
Bundle	Security Bundle w/SEC license PAK	None

Get More Information

Do you have any question about the CISCO2951-SEC/K9?

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

Specification

CISCO2951-SEC/K9 Specification	
Form Factor	External - modular - 2U
Dimensions (WDHP)	47 cm x 43.8 cm x 8.9 cm
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	TCP/IP, UDP/IP, RSVP, IPsec
Remote Management Protocol	SNMP, RMON
Features	Cisco IOS Security, 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)

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