

Маршрутизатор C899G-LTE-GA-K9

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Общие

Тип устройства

Маршрутизатор

Поддерживаемый тип интерфейсов маршрутизатора

Интерфейсы 1000Base-X SFP
Интерфейсы 10/100/1000Base-T

Линейка Cisco

ISR 800

Доп. описание

4G LTE modem form factor

- Embedded (included with the router)
- Upgrade FW Image Switching provisioning from (-GA SKUs) flash (FW-MC7304-LTE-AU or FWMC7304-LTE-GB)

Important 4G LTE features

- Automatic switch failover between primary and backup link
- Multichannel-interface-processor (MIP) profile configuration
- CDMA data retry
- 3G MIB with 4G LTE MIB extension and traps
- Remotely initiated data callback using voice
- Remotely initiated data callback using Short Message Service (SMS)
- Remote firmware upgrade over 4G LTE
- Virtual diagnostic monitoring
- SIM lock and unlock capabilities

MIBs

- Enhanced 3G MIB with 4G MIB extension (4G parameters are covered with 3G MIB and 3G MIB extension)
- ENTITY MIB
- IF MIB
- 3G WWAN MIB persistence

4G LTE network management and diagnostics

- In-band and out-of-band management using Telnet (Cisco IOS Software command-line interface [CLI]) and SNMP, including MIB II and other extensions
- Industry-standard 4G LTE diagnostics and monitoring tools (Qualcomm CDMA Air Interface Tester [CAIT] and Spirent

Universal Diagnostic Monitor [UDM])

Modem information

- Modem form factor: Embedded Peripheral Component Interconnect (PCI) minicard
- C88xG-4G-GA-K9 and C89xG(W)-LTE-GA-K9: Sierra Wireless MC7304 with Qualcomm MDM9215

Wireless technologies supported (performance and throughput)

C88xG-4G-GA-K9 and C89xG(W)-LTE-GA-K9

Cisco LTE 2.0 800 MHz (band 20), 900 MHz (band 8), 1800 MHz (band 3), 2100 MHz (band 1), and 2600 MHz (band 7)

Backward compatibility:

- UMTS and HSPA+: 850, 900, 1900, and 2100 MHz
- Quad-band EDGE, GPRS, and GSM: 800, 900, 1800, and 1900 MHz
- HSPA+ speed DL up to CAT20 (42.2 Mbps) and UL up to CAT6 (5.76 Mbps)
- DC-HSPA+ speed DL with CAT24 (42.2 Mbps) and UL up to CAT6 (5.76 Mbps)