

CISCO DESK PHONE 9800 SERIES

Cisco DP-9841-K9 IP Phone

Desk Phone 9841

The Cisco DP-9841-K9 IP Phone is a professional business desk phone designed for dependable voice communication, clear audio, practical call control, and secure enterprise IP telephony deployments. It combines a 3.5-inch backlit grayscale display, four physical line keys, Cisco HD Audio, SIP signaling, and support for IPv4 and IPv6 networks.

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3.5"

Backlit Grayscale Display

4

Physical Line Keys

SIP

IP Telephony Signaling

HD

Cisco HD Audio

01 / PRODUCT OVERVIEW

Cisco DP-9841-K9 IP Phone Overview

The **Cisco DP-9841-K9 IP Phone**, also known as the Cisco Desk Phone 9841, belongs to the Cisco Desk Phone 9800 Series. It is designed for office users, administrative teams, reception areas, customer-service desks, and other business environments that need reliable daily voice communication without the complexity of a high-end executive phone.

Its backlit grayscale display, physical line keys, hands-free speakerphone, Hearing Aid Compatible handset, and enterprise network features provide a practical combination of usability and deployment flexibility. The phone supports SIP signaling and can be used with supported Cisco and compatible calling platforms, depending on the software release, device configuration, and licensing environment.

02 / KEY FEATURES

Key Features and Business Benefits

Display and Call Control

The phone includes a 3.5-inch backlit grayscale LCD with 384 × 160 resolution and four physical line keys. These controls support direct access to supported line and call-management functions, including common operations such as hold, transfer, conference, mute, and speakerphone use.

Clear and Flexible Audio

Cisco HD Audio, a full-duplex hands-free speakerphone, and a Hearing Aid Compatible handset support clear business conversations. Cisco documentation identifies support for multiple codecs, including OPUS, G.722, G.722.2, iSAC, G.711, G.729, and iLBC, subject to the calling platform and configuration.

Enterprise Network Support

The Cisco DP-9841-K9 supports SIP signaling, IPv4 and IPv6, VLAN, DHCP, DNS, HTTPS, RTP, RTCP, Cisco Discovery Protocol, and LLDP/LLDP-MED. These features help the phone integrate into structured enterprise networks and centralized deployment environments.

Security Features

Security capabilities documented for the Desk Phone 9800 Series include secure boot, secure credential storage, configuration-file authentication and encryption, TLS signaling protection, SRTP media protection, HTTPS, Trusted Platform Module 2.0, and Security-Enhanced Linux. Availability may depend on the software version and calling platform.

03 / TECHNICAL SPECIFICATIONS

Cisco DP-9841-K9 Technical Specifications

Specification	Details
Manufacturer	Cisco
Model	DP-9841-K9
Product Family	Cisco Desk Phone 9800 Series
Product Type	Business IP desk phone
Display	3.5-inch backlit grayscale LCD
Display Resolution	384 × 160 pixels
Physical Line Keys	4
Audio	Cisco HD Audio, full-duplex speakerphone, Hearing Aid Compatible handset
Signaling	SIP
IP Support	IPv4 and IPv6
USB	One USB-A port
Network Features	VLAN, DHCP, DNS, HTTPS, RTP, RTCP, CDP, LLDP/LLDP-MED
Security	TLS, SRTP, secure boot, secure credential storage, TPM 2.0, and platform-dependent security functions
Dimensions	214 × 214 × 49.4 mm

Color Carbon Black

04 / COMPATIBILITY

Compatibility and Licensing Considerations

The Cisco Desk Phone 9800 Series is documented for supported Cisco Webex Calling, Cisco Unified Communications Manager, Webex Dedicated Instance, and Cisco BroadWorks environments. Cisco also documents interoperability with Microsoft SIP Gateway and testing with Asterisk. Compatibility must be checked against the exact software release, device package, calling platform, and deployment configuration.

Buyers comparing Cisco business phones may also review the [Cisco IP Phone 7841](#), [Cisco IP Phone 7821](#), [Cisco IP Phone 7861](#), and [Cisco IP Phone 8811](#).

05 / USE CASES

Recommended Business Use Cases

The Cisco DP-9841-K9 is suitable for office workstations, reception desks, administrative departments, shared work areas, customer-service teams, and organizations standardizing on Cisco or SIP-based business telephony. Its practical display and physical keys make it useful for users who need essential calling functions in a straightforward desktop format.

For larger feature requirements, organizations can compare the [Cisco IP Phone 8841](#), [Cisco IP Phone 8851](#), [Cisco IP Phone 8861](#), [Cisco IP Phone 8845](#), and [Cisco IP Phone 8865](#).

06 / RELATED PRODUCTS

Related Cisco Products and Alternatives

Other Cisco desk-phone options include the [Cisco IP Phone 8875](#), [Cisco IP Phone 9971](#), [Cisco Desk Phone 9851](#), and [Cisco Desk Phone 9861](#). These models may be considered when a deployment requires different display sizes, line-key arrangements, or additional user features.

For the network infrastructure supporting business IP phones, relevant options include the [Cisco Catalyst 9200 Series Switch](#), [Cisco Catalyst 9300 Series Switch](#), and [Cisco Catalyst 9500 Series Switch](#), subject to the actual network design and required port capabilities.

07 / FINAL SUMMARY

Why Consider the Cisco DP-9841-K9?

The Cisco DP-9841-K9 IP Phone offers a balanced combination of business call control, a backlit display, Cisco HD Audio, SIP support, enterprise networking, and security capabilities. It is a practical choice for organizations seeking a dependable Cisco desk phone for everyday communication. Before ordering, confirm the intended calling platform, software compatibility, licensing requirements, power arrangement, regional configuration, and product condition.

To explore additional products, visit the [NexoGet product catalog](#) or contact the NexoGet team through the [NexoGet contact page](#) for pricing, availability, and deployment guidance.



Need Pricing or Availability for DP-9841-K9?

Contact NexoGet for pricing, stock availability, product condition, accessories, shipping options and enterprise IT hardware quotations.

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