

Cisco IP 6821

Affordable everyday desktop phone

Unsurpassed voice clarity and advanced phone features.



The Cisco IP 6821 is a two-line business-class IP phone that enables calls of unprecedented quality. It supports a comprehensive range of features that ensures excellent performance for demanding offices.

The Cisco IP 6821 features wideband audio for unsurpassed voice and enhanced speaker quality with easy installation.

The Cisco IP 6821 also delivers advanced capabilities and features. The phone supports two lines, has a monochrome backlit display

for ease of use, and is optimized for the demanding needs of small businesses. The phone includes dedicated buttons for voicemail, mute, hold, speaker, headset, and other common functions. Users can expect the Cisco IP 6821 to meet the needs of professionals and offices.

The Cisco IP 6821 is also easy to install. Because of the built-in IEEE 8023af PoE circuitry and Ethernet switch, users have access to flexible deployment options.

Features and specifications

Lines

- Two lines

Display

- Pixel-based display: greyscale, 2.5" 240 x 120 backlit monochrome LCD graphical display

Feature keys

- Lines
- Soft keys
- Two-way navigation and select
- Service
- Standard key pads
- Volume control toggle
- Speakerphone, headset, and mute

Call control and audio

- SIP version 2 (RFC 3261, 3262, 3263, 3264)
- Dynamic payload support
- Adjustable audio frames per packet
- Dual-tone multifrequency (DTMF), in-band
- Call progress tone generation
- Caller ID support (name and number)
- Voice algorithms:
 - G.711 (A-law and -law)
 - G.729 A
 - G.722
 - Opus
- Call forwarding
- Call hold
- Do not disturb
- Visual voice message waiting indicator
- Corporate directory

Security features

- Password-protected system, preset to factory default
- Password-protected access to administrator and user-level features
- HTTPS

Power features

- Power supply is included
- DC output voltage: +5 VDC at 2.0A maximum

Physical interface

- A 10/100BASE-T Ethernet connection through two RJ-45 ports; one for the LAN connection and the other for a downstream Ethernet device connection such as a PC
- Handset: RJ-9 connector
- Built-in speakerphone and microphone

Operating temperature

- Temperature: 32° ~ 104°F (0° ~ 40°C)
- Relative humidity: 10% to 95% noncondensing

Storage temperature

- Temperature: -4° ~ 158°F (-20° ~ 70°C)
- Relative humidity: 10% to 95% noncondensing

Package contents

- Cisco IP 6821 IP phone, handset, and stand
- Handset cord
- RJ-45 Ethernet cable
- Power adapter

Physical dimensions/weight

- 8.2 x 6.7 x 1.5 in. (207 x 171 x 37.5) (excluding foot stand)
- 456 g

Warranty

- One year

Certification and compliance

- Regulatory compliance
 - CE Markings per directives 2014/30/EU and 2014/35/EU
- Safety
 - UL 60950 Second Edition
 - CAN/CSA-C22.2 No. 60950 Second Edition
 - EN 60950 Second Edition (including A11 and A12)
 - IEC 60950 Second Edition (including A11 and A12)
 - AS/NZS 60950

- EMC–Emissions
 - 47CFR Part 15 (CFR 47) Class B
 - AS/NZS CISPR32:2015 Class B
 - CISPR 32: 2015_COR1:2016 Class B
 - EN55032: 2015+AC:2016
 - ICES003 Class B
 - EN61000-3-2:2014 and IEC 61000-3-2:2014
 - EN61000-3-3:2013 and IEC61000-3-3:2013
 - VCCI Class B
- EMC–Immunity
 - EN55024
 - CISPR24
 - Armadillo Light
- Telecom
 - FCC Part 68 HAC
 - CS-03-HAC
 - AS/ACIF S004
 - AS/ACIF S040
 - NZ PTC 220
 - Industry standards: TIA

For more information, please contact a sales representative. Visit ringcentral.com or call 855-774-2510.

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