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Overview

CP-8821-K9-BUN is a Cisco Wireless IP Phone 8821 World mode, with battery, power cord, power adapter, and country clip. Cisco Wireless IP Phone 8821 is a ruggedized, resilient, and secure 802.11 wireless LAN handset that delivers cost-effective, on-premises, comprehensive voice over wireless LAN (VoWLAN) communications for the highly mobile in-campus worker.

Quick Specs

Figure 1 shows the appearance of CP-8821-K9-BUN.



Table 1. Quick Specs of CP-8821-K9-BUN

|                    |                                                                                                                                                                                                                                       |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number        | CP-8821-K9-BUN                                                                                                                                                                                                                        |
| Protocols          | · IEEE 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac                                                                                                                                                                                   |
| Display            | · 2.4-in. (6-cm) color display with 240 x 320 pixel resolution                                                                                                                                                                        |
| Dimensions (HxWxD) | · 5.2 x 2.2 x 0.7 in. (13.2 x 5.6 x 1.7 cm)                                                                                                                                                                                           |
| Weight             | · Device 4.4 oz (126 g), battery 1.3 oz (37 g), total = 5.7 oz (163 g)                                                                                                                                                                |
| Battery            | · Up to 13 hours of voice calling; up to 220 hours standby<br>· Rechargeable Lithium ion 4.35V, 2060mAh smart battery<br>Note: Actual battery life varies significantly based on environmental factors, scan mode, and Bluetooth use. |

|             |                                                                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Input power | <ul style="list-style-type: none"><li>· Phone: 100 to 240 VAC, ~0.2A, and 50 to 60 Hz</li><li>· AC adapters (by geographical region)</li></ul> |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------|

## Compare to Similar Item

Table 2. Comparison between CP-8821-K9-BUN and CP-8841-K9.

|             |                                                                |                                                  |
|-------------|----------------------------------------------------------------|--------------------------------------------------|
| Part Number | CP-8821-K9-BUN                                                 | <a href="#">CP-8841-K9</a>                       |
| Category    | Cisco 8800 IP Phone                                            | Cisco 8800 IP Phone                              |
| Wireless    | Yes                                                            | No                                               |
| Display     | · 2.4-in. (6-cm) color display with 240 x 320 pixel resolution | 5'' high-resolution (800×480) WVGA color display |

## Get More Information

Do you have any question about the CP-8821-K9-BUN?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).

## Specification

| CP-8821-K9-BUN Specification           |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protocols                              | <ul style="list-style-type: none"><li>· IEEE 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac</li></ul>                                                                                                                                                                                                                                                                                                                       |
| Frequency bands and operating channels | <ul style="list-style-type: none"><li>· IEEE 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac</li><li>· 2.412 to 2.472 GHz (channels 1 to 13)</li><li>· 5.180 to 5.240 GHz (channels 36 to 48)</li><li>· 5.260 to 5.320 GHz (channels 52 to 64)</li><li>· 5.500 to 5.700 GHz (channels 100 to 140)</li><li>· 5.745 to 5.825 GHz (channels 149 to 165)</li><li>· IEEE 802.11d is used to identify available channels</li></ul> |
| Nonoverlapping channels                | <ul style="list-style-type: none"><li>· 2.4 GHz (20-MHz channels): up to 3 channels</li><li>· 5 GHz (20-MHz channels): up to 24 channels</li><li>· 5 GHz (40-MHz channels): up to 9 channels</li><li>· 5 GHz (80-MHz channels): up to 4 channels</li></ul>                                                                                                                                                                |
| Operating modes                        | <ul style="list-style-type: none"><li>· Auto (preference to 5 GHz)</li><li>· 2.4 GHz only</li><li>· 5 GHzonly</li></ul>                                                                                                                                                                                                                                                                                                   |
| Display                                | <ul style="list-style-type: none"><li>· 2.4-in. (6-cm) color display with 240 x 320 pixel resolution</li></ul>                                                                                                                                                                                                                                                                                                            |
| Dimensions (HxWxD)                     | <ul style="list-style-type: none"><li>· 5.2 x 2.2 x 0.7 in. (13.2 x 5.6 x 1.7 cm)</li></ul>                                                                                                                                                                                                                                                                                                                               |

# CP-8821-K9-BUN Datasheet



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|                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Weight                                                                   | <ul style="list-style-type: none"> <li>· Device 4.4 oz (126 g), battery 1.3 oz (37 g), total = 5.7 oz (163 g)</li> </ul>                                                                                                                                                                                                                                                                                                                                               |
| Battery                                                                  | <ul style="list-style-type: none"> <li>· Up to 13 hours of voice calling; up to 220 hours standby</li> <li>· Rechargeable Lithium ion 4.35V, 2060mAh smart battery</li> </ul> <p>Note: Actual battery life varies significantly based on environmental factors, scan mode, and Bluetooth use.</p>                                                                                                                                                                      |
| Input power                                                              | <ul style="list-style-type: none"> <li>· Phone: 100 to 240 VAC, ~0.2A, and 50 to 60 Hz</li> <li>· AC adapters (by geographical region)</li> </ul>                                                                                                                                                                                                                                                                                                                      |
| Operating temperature                                                    | <ul style="list-style-type: none"> <li>· Device: 14° to 122°F (-10° to 50°C)</li> <li>· Battery: -4° to 140°F (-20° to 60°C)</li> </ul>                                                                                                                                                                                                                                                                                                                                |
| Storage temperature                                                      | <ul style="list-style-type: none"> <li>· Device: -22° to 140°F (-30° to 60°C)</li> <li>· Battery: -4° to 113°F (-20° to 45°C)</li> </ul>                                                                                                                                                                                                                                                                                                                               |
| Relative humidity                                                        | <ul style="list-style-type: none"> <li>· 10% to 95% (noncondensing)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                         |
| Vibration                                                                | <ul style="list-style-type: none"> <li>· 1.5 Grms maximum, 0.1 in. (2.5 mm) double amplitude at 0.887 octaves per minute from 5-500-5 Hz sweep, and 10-minute dwell on three major peaks in each of the three major mutually perpendicular axes</li> </ul>                                                                                                                                                                                                             |
| Thermal shock                                                            | <ul style="list-style-type: none"> <li>· -22°F (-30°C) 24 hours; 158°F (70°C) 24 hours</li> </ul>                                                                                                                                                                                                                                                                                                                                                                      |
| Altitude                                                                 | <ul style="list-style-type: none"> <li>· Certified for operation: 0 to 6500 ft (0 to 2 km)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                  |
| Endurance                                                                | <ul style="list-style-type: none"> <li>· Ingress Protection Standard IP67</li> <li>· MIL-STD-810G Drop and Vibration procedures</li> </ul>                                                                                                                                                                                                                                                                                                                             |
| Drop specs                                                               | <ul style="list-style-type: none"> <li>· Withstand multiple drops of 6 feet (1.8 m) onto concrete. 12 drops (6 faces, 4 edges, face, and bottom)</li> </ul>                                                                                                                                                                                                                                                                                                            |
| Headset                                                                  | <ul style="list-style-type: none"> <li>· Wireless: Bluetooth SW 3.0 HW 4.0</li> <li>· Wired: 3.5 mm stereo headphone/microphone jack</li> </ul>                                                                                                                                                                                                                                                                                                                        |
| Connector                                                                | <ul style="list-style-type: none"> <li>· Magnetic USB 2.0 On the Go (OTG) connector</li> </ul>                                                                                                                                                                                                                                                                                                                                                                         |
| Safety                                                                   | <ul style="list-style-type: none"> <li>· UL 60950-1</li> <li>· CAN/CSA 60950-1</li> <li>· EN 60950-1</li> <li>· IEC 60950-1</li> <li>· AS/NZS 60950.1</li> <li>· IEC 60529 (IP 67)</li> </ul>                                                                                                                                                                                                                                                                          |
| Electromagnetic compatibility and electromagnetic interference (EMC/EMI) | <ul style="list-style-type: none"> <li>· 47 CFR Part 15 Class B</li> <li>· ICES-003 Class B</li> <li>· EN 55022 Class B</li> <li>· AS/NZS CISPR 22 Class B</li> <li>· CISPR 22 Class B</li> <li>· VCCI Class B</li> <li>· EN 61000-3-2</li> <li>· EN 61000-3-3</li> <li>· KN 22 Class B</li> <li>· EN 55024</li> <li>· EN 50082-1</li> <li>· EN 61000-6-1</li> <li>· EN61000-6-3</li> <li>· EN 300386</li> <li>· EN 60601-1-2</li> <li>· KN Immunity Series</li> </ul> |



|             |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Telecom     | <ul style="list-style-type: none"> <li>· FCC Part 68 (CFR) (HAC)</li> <li>· NZ PTC 220 DR</li> <li>· AS/ACIF S004 and AS/ACIF S040 (Australia)</li> <li>· TIA 810-B and TIA 920-A</li> <li>· Canada-CS-03-HAC</li> </ul>                                                                                                                                                                                          |
| Radio       | <ul style="list-style-type: none"> <li>· USA: FCC Part 15.247 (2.4 GHz), FCC Part 15.407 (5 GHz), and FCC Part 2</li> <li>· Canada: RSS-210</li> <li>· Japan: ARIB STD-T66 (2.4 GHz), ARIB STD-T70, and T71 (4.9/5 GHz)</li> <li>· ETSI: EN 300.328 (2.4 GHz) and EN 301.893 (5 GHz)</li> <li>· Australia and New Zealand: AS/NZS 4268</li> <li>· Singapore: IDA TS SRD</li> <li>· Hong Kong: HKTA1039</li> </ul> |
| RF Exposure | <ul style="list-style-type: none"> <li>· OET-65C (01-01)</li> <li>· ANSI C95.1 (91)</li> <li>· RSS-102</li> <li>· ACA Radio Communications (Electromagnetic Radiation – Human Exposure) Standard 2003</li> <li>· EN 50360</li> <li>· EN 301489-1</li> <li>· EN 301489-17</li> </ul>                                                                                                                               |

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