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Technical Specifications are subject to change without notice

TEMPEST & TSG Cisco® VoIP Phones

- 8841 TEMPEST TSG Accredited Cisco® IP Phone
- 8841 TSG Accredited Cisco® IP Phone
- 8831 TSG Accredited Cisco® IP Conference Phone
- 8851 TSG Accredited Cisco® IP Phone
- 8865 TEMPEST TSG Accredited Cisco® IP Video Phone
- 8865 TSG Accredited Cisco® IP Video Phone

TEMPEST & TSG Cisco® VoIP Phones

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8841 TSG Accredited Cisco® IP Phone



API's modifications to Cisco's 8841 IP phone ensure that those working in secure environments have the latest IP phone technology at their fingertips, coupled with API's renowned security enhancements. These enhancements include certification and compliance with CNSSI 5001, implementation of a secure hold and mute, integrated TSG compliant technology, and other features to mitigate the risks of potential eavesdropping. Additional standard features include a full backlit color display, configurable for copper OR fiber connectivity, as well as interoperability with many of Cisco's other network communication devices and servers. The API TSG compliant 8841 is available in TEMPEST/TSG Class A (fiber), TSG Class A (fiber or copper), or TSG Class B (copper).

| MODEL | TEMPEST | TSG | TSG ACCREDITATION | COPPER | FIBER | SPEED | POWER SOURCE | MUTE BUTTON | DISABLE BASE SPEAKER | BASE MIC REMOVED |
|--------------|---------|---------|-------------------|-----------|-------------|---------------|--------------|-------------|----------------------|------------------|
| EM-8841-06 | NO | Class B | TSG-B-11-2015 | Dual Port | NO | 10/100/1000-T | POE | NO | NO | NO |
| EM-8841-06S | NO | Class B | TSG-B-01-2016 | Dual Port | NO | 10/100/1000-T | POE | NO | NO | ✓ |
| EM-8841-06M | NO | Class B | TSG-B-13-2015 | Dual Port | NO | 10/100/1000-T | POE | ✓ | NO | NO |
| EM-8841-07 | NO | Class A | TSG-A-01-2015 | NO | Dual Port | 100MB SC | PWR SUP | NO | NO | NO |
| EM-8841-07M | NO | Class A | TSG-A-10-2016 | NO | Dual Port | 100MB SC | PWR SUP | ✓ | NO | NO |
| EM-8841-08 | NO | Class A | TSG-A-03-2015 | NO | Dual Port | 1G LC | PWR SUP | NO | NO | NO |
| EM-8841-09 | NO | Class A | TSG-A-04-2015 | NO | Single Port | 100MB SC | PWR SUP | NO | NO | NO |
| EM-8841-09M | NO | Class A | TSG-A-02-2016 | NO | Single Port | 100MB SC | PWR SUP | ✓ | NO | NO |
| EM-8841-10 | NO | Class A | TSG-A-05-2015 | NO | Single Port | 1G LC | PWR SUP | NO | NO | NO |
| EM-8841-11 | NO | Class B | TSG-B-12-2015 | Dual Port | NO | 10/100/1000-T | POE | NO | ✓ | ✓ |
| EM-8841-12 | NO | Class A | TSG-A-02-2015 | NO | Dual Port | 100MB SC | PWR SUP | NO | ✓ | ✓ |
| EM-8841-13 | NO | Class A | TSG-A-11-2017 | Dual Port | NO | 10/100-T | POE | NO | NO | NO |
| EM-8841-13M | NO | Class A | TSG-A-09-2017 | Dual Port | NO | 10/100-T | POE | ✓ | NO | NO |
| EM-8841-13MS | NO | Class A | TSG-A-43-2018 | Dual Port | NO | 10/100-T | POE | ✓ | NO | ✓ |
| EM-8841-13S | NO | Class A | TSG-A-12-2017 | Dual Port | NO | 10/100-T | POE | NO | NO | ✓ |
| EM-8841-14 | NO | Class A | TSG-A-10-2017 | Dual Port | NO | 10/100-T | POE | NO | ✓ | ✓ |
| EM-8841-15 | NO | Class A | TSG-A-03-2017 | NO | Dual Port | 1G LC | PWR SUP | NO | ✓ | ✓ |

Class A copper requires power injectors

8841 TEMPEST TSG Accredited Cisco® IP Phone

| MODEL | TEMPEST | TSG | TSG ACCREDITATION | COPPER | FIBER | SPEED | POWER SOURCE | MUTE BUTTON | DISABLE BASE SPEAKER | BASE MIC REMOVED |
|---------------|---------|---------|-------------------|--------|-------------|----------|--------------|-------------|----------------------|------------------|
| EL1-8841-06L1 | ✓ | Class A | TSG-A-21-2016 | NO | Single Port | 100MB ST | PWR SUP | NO | ✓ | ✓ |
| EL1-8841-08L1 | ✓ | Class A | TSG-A-23-2016 | NO | Single Port | 1G ST | PWR SUP | NO | ✓ | ✓ |
| EL1-8841-07L1 | ✓ | Class A | TSG-A-22-2016 | NO | Dual Port | 100MB ST | PWR SUP | NO | ✓ | ✓ |
| EL1-8841-09L1 | ✓ | Class A | TSG-A-24-2016 | NO | Dual Port | 1G ST | PWR SUP | NO | ✓ | ✓ |

8865 TEMPEST TSG Accredited Cisco® IP Video Phone



To meet the demands of those within the IC, API has developed a TSG and TEMPEST/TSG version of Cisco's 8865 video phone. The 8865 video phone offers the fit, finish, and function of Cisco's popular 8851 IP phone except with the addition of a high definition camera for desktop video conferencing applications. The 8865 has similar options as the 8851 such as swappable colored bezels, the addition of a key expansion module, and the use of a headset. The 8865 is certified as TSG compliant with CNSSI 5001 requirements and is available in TEMPEST/TSG Class A (fiber) and TSG Class A (copper).

| MODEL | TEMPEST | TSG | TSG ACCREDITATION | COPPER | FIBER | SPEED | POWER SOURCE | MUTE BUTTON | DISABLE BASE SPEAKER | BASE MIC REMOVED |
|---------------|---------|---------|-------------------|--------|-------------|----------|--------------|-------------|----------------------|------------------|
| EL1-8865-01L1 | ✓ | Class A | TSG-A-45-2018 | NO | Single Port | 100MB SC | PWR SUP | NO | ✓ | ✓ |
| EL1-8865-02L1 | ✓ | Class A | TSG-A-46-2018 | NO | Dual Port | 100MB SC | PWR SUP | NO | ✓ | ✓ |
| EL1-8865-03L1 | ✓ | Class A | TSG-A-47-2018 | NO | Single Port | 1G LC | PWR SUP | NO | ✓ | ✓ |
| EL1-8865-04L1 | ✓ | Class A | TSG-A-48-2018 | NO | Dual Port | 1G LC | PWR SUP | NO | ✓ | ✓ |

8865 TSG Accredited Cisco® IP Video Phone

| MODEL | TEMPEST | TSG | TSG ACCREDITATION | COPPER | FIBER | SPEED | POWER SOURCE | MUTE BUTTON | DISABLE BASE SPEAKER | BASE MIC REMOVED |
|-------------|---------|---------|-------------------|--------|-----------|----------|--------------|-------------|----------------------|------------------|
| EM-8865-07 | NO | Class A | TSG-A-15-2018 | NO | Dual Port | 100MB SC | PWR SUP | NO | NO | NO |
| EM-8865-07M | NO | Class A | TSG-A-16-2018 | NO | Dual Port | 100MB SC | PWR SUP | ✓ | NO | NO |

8851 TSG Accredited Cisco® IP Phone



The 8851 offers all of the same features (secure hold and mute, backlit color display, integrated TSG technology, etc.) of the 8841 phone, except with a securely integrated Key Expansion Module for the availability of additional lines for the user. The 8851 is certified and compliant with CNSSI 5001 and is a secure endpoint for those working in environments where eavesdropping protection measures must be in place. The API TSG compliant 8851 is available in TSG Class A (copper or fiber), and TSG class B (copper).

| MODEL | TEMPEST | TSG | TSG ACCREDITATION | COPPER | FIBER | SPEED | POWER SOURCE | MUTE BUTTON | DISABLE BASE SPEAKER | BASE MIC REMOVED |
|--------------|---------|---------|-------------------|-----------|-------------|---------------|--------------|-------------|----------------------|------------------|
| EM-8851-06 | NO | Class B | TSG-B-16-2015 | Dual Port | NO | 10/100/1000-T | POE | NO | NO | NO |
| EM-8851-06M | NO | Class B | TSG-B-18-2015 | Dual Port | NO | 10/100/1000-T | POE | ✓ | NO | NO |
| EM-8851-06S | NO | Class B | TSG-B-09-2016 | Dual Port | NO | 10/100/1000-T | POE | NO | NO | ✓ |
| EM-8851-07 | NO | Class A | TSG-A-06-2015 | NO | Dual Port | 100MB SC | PWR SUP | NO | NO | NO |
| EM-8851-07M | NO | Class A | TSG-A-14-2015 | NO | Dual Port | 100MB SC | PWR SUP | ✓ | NO | NO |
| EM-8851-08 | NO | Class A | TSG-A-08-2015 | NO | Dual Port | 1G LC | PWR SUP | NO | NO | NO |
| EM-8851-09 | NO | Class A | TSG-A-09-2015 | NO | Single Port | 100MB SC | PWR SUP | NO | NO | NO |
| EM-8851-09M | NO | Class A | TSG-A-20-2015 | NO | Single Port | 100MB SC | PWR SUP | ✓ | NO | NO |
| EM-8851-10 | NO | Class A | TSG-A-10-2015 | NO | Single Port | 1G LC | PWR SUP | NO | NO | NO |
| EM-8851-11 | NO | Class B | TSG-B-19-2015 | Dual Port | NO | 10/100/1000-T | POE | NO | ✓ | ✓ |
| EM-8851-12 | NO | Class A | TSG-A-07-2015 | NO | Dual Port | 100MB SC | PWR SUP | NO | ✓ | ✓ |
| EM-8851-13MX | NO | Class A | TSG-A-32-2016 | Dual Port | NO | 10/100-T | POE | ✓ | NO | NO |
| EM-8851-13SX | NO | Class A | TSG-A-33-2016 | Dual Port | NO | 10/100-T | POE | NO | NO | ✓ |
| EM-8851-13X | NO | Class A | TSG-A-35-2016 | Dual Port | NO | 10/100-T | POE | NO | NO | NO |
| EM-8851-14X | NO | Class A | TSG-A-34-2016 | Dual Port | NO | 10/100-T | POE | NO | ✓ | ✓ |
| EM-8851-15 | NO | Class A | TSG-A-04-2017 | NO | Dual Port | 1G LC | PWR SUP | NO | ✓ | ✓ |

Class A copper requires power injectors

8831 TSG Accredited Cisco® Conference Phone



Recognizing the need for a conference phone in secure environments, API worked diligently to develop the CNSSI 5001 compliant Cisco 8831 IP Conference Phone. The API 8831 Conference Phone features the same TSG technology used in the 8841 and 8851 IP Phones to protect against eavesdropping. These security enhancements ensure that those working in secure environments do not have to endure the burden of unplugging the conference phone when not in use. The TSG compliant 8831 offers premium security enhancements without sacrificing Cisco's enhanced people-centric communications features that combine superior high-definition (HD) audio performance with 360-degree coverage. The API TSG 8831 IP Conference Phone is available in Class A (copper or fiber), and TSG Class B (copper).

| MODEL | TEMPEST | TSG | TSG ACCREDITATION | COPPER | FIBER | SPEED | POWER SOURCE | MUTE BUTTON | DISABLE BASE SPEAKER | BASE MIC REMOVED |
|-------------|---------|---------|-------------------|-------------|-------------|----------|--------------|-------------|----------------------|------------------|
| EM-8831-06 | NO | Class B | TSG-B-28-2016 | Single Port | NO | 10/100-T | POE | NO | NO | NO |
| EM-8831-06M | NO | Class B | TSG-B-29-2016 | Single Port | NO | 10/100-T | POE | ✓ | NO | NO |
| EM-8831-09 | NO | Class A | TSG-A-13-2017 | NO | Single Port | 100MB SC | PWR SUP | NO | NO | NO |
| EM-8831-09M | NO | Class A | TSG-A-14-2017 | NO | Single Port | 100MB SC | PWR SUP | ✓ | NO | NO |
| EM-8831-13 | NO | Class A | TSG-A-15-2017 | Single Port | NO | 10/100-T | POE | NO | NO | NO |
| EM-8831-13M | NO | Class A | TSG-A-16-2017 | Single Port | NO | 10/100-T | POE | ✓ | NO | NO |

Class A copper requires power injectors