	Product Code	TSG Accreditation Number
TSG Class A with Microphone Removed	DTD-8851-02-NS-MR	TSG-A-40-2016
TSG Class A with Speakerphone Disabled	DTD-8851-02-NS-SD	TSG-A-41-2016
TSG Class B with Microphone Removed	DTD-8851-01-NS-MR	TSG-B-36-2016
TSG Class B with Speakerphone Disabled	DTD-8851-01-NS-SD	TSG-B-37-2016

Cisco 8851 TSG Approved IP Phone (without 18/36 Key Expansion Module)

Key Features

- 5-inch high resolution widescreen VGA color display
- Supports a built-in 10/100/1000 Ethernet switch for PC connection
- Compatible with both IEEE 802.3af and 802.3at switch blades
- Phone supports 10 line appearances through Enhanced Line Mode feature

TSG On-Hook Security Indicator & Activation Switch

Additional Features

- The speakerphone function is enabled and protected with the TSG on-hook security. It can be administratively disabled via the Unified Communications Manager.
- The headset port is enabled and protected with the TSG on-hook security. Any 8851 compatible wired headset can be used. Wireless headsets are not approved for use.

The Cisco 8851 phone without 18/36 Key Expansion Module included supports Session Initiation Protocol (SIP) for signaling, Session Description Protocol (SDP), IPv4, and IPv6. The phone is optimized for use with Cisco Unified Communications Manager. This Cisco 8851 phone is a modified version that connects to your network like any other 8851 phone. The difference is the addition of Positive Disconnect On-Hook Security. Approved for use in SCIF and SAPF environments, the phone also allows the on-hook security features to be engaged while in a call providing enhanced "Hold" and "Mute" security. Speakerphone functionality is enabled on the device and is protected with the on-hook security of the positive disconnect electronics, but can be administratively disabled in the Unified Communications Manager.

The TSG on-hook security can be manually disengaged after an off-hook condition is established (Manual mode) or triggered automatically via the handset hook switch (Auto mode). The mode is set at the factory and must be specified at time of order. The security re-engages automatically once any on-hook status is established.

TSG Class A vs. Class B Comparison

	TSG Approved Class A Cisco 8851 VoIP Phone without KEM	TSG Approved Class B Cisco 8851 **PoE** VoIP Phone without KEM
Microphone Removed	NTSWG # **TSG-A-40-2016** CIS Product Code: **DTD-8851-02-NS-MR**	NTSWG # **TSG-B-36-2016** CIS Product Code: **DTD-8851-01-NS-MR**
Speakerphone Disabled	NTSWG # **TSG-A-41-2016** CIS Product Code: **DTD-8851-02-NS-SD**	NTSWG # **TSG-B-37-2016** CIS Product Code: **DTD-8851-01-NS-SD**
Power	**Includes** power injector **required** for Class A deployment (DTD-VOIP-PI-02) Input 100-240 VAC, 50-60Hz Output 48 VDC, 0.3 amps	Power over Ethernet **(Standard)** **Optional** universal AC power supply (DTD-TPES61) Input 100-240 VAC, 47-63Hz Output 48 VDC, 1.04 amps
Handset and Headset	Wideband handset Headset port Optional Push to Talk handset Optional Push to Mute handset	Wideband handset Headset port Optional Push to Talk handset Optional Push to Mute handset
Speakerphone	Full-duplex speakerphone (can be administratively disabled)	Full-duplex speakerphone (can be administratively disabled)
LAN and PC Ports	2-port Ethernet switch (connects phone and PC over a single line) LAN Port 10/100/1000Mb RJ45 PC Port 10/100/1000Mb RJ45	2-port Ethernet switch (connects phone and PC over a single line) LAN Port 10/100/1000Mb RJ45 PC Port 10/100/1000Mb RJ45
Keys	10 line keys, soft keys, back and release keys, four-way navigation and select keys, hold/resume, transfer, conference, messaging, application, directory, standard keypad, volume-control toggle, speakerphone, headset, mute	10 line keys, soft keys, back and release keys, four-way navigation and select keys, hold/resume, transfer, conference, messaging, application, directory, standard keypad, volume-control toggle, speakerphone, headset, mute
Dimensions (H x W x D)	7.0" x 10.125" x 7.25"	7.0" x 10.125" x 7.25"
Weight	4.73 lbs.	4.23 lbs.
Temperatures	Operating: 32 to 104° F (0 to 40° C) Non-operating: 14 to 140° F (-10 to 60° C)	Operating: 32 to 104° F (0 to 40° C) Non-operating: 14 to 140° F (-10 to 60° C)
Humidity	Operating: 10 to 90%, noncondensing Non-operating: 10 to 95%, noncondensing	Operating: 10 to 90%, noncondensing Non-operating: 10 to 95%, noncondensing
Cisco Unified Communications Manager	8.5.1, 8.6.2, 9.1.2, 10.5.2, 11.0 and later	8.5.1, 8.6.2, 9.1.2, 10.5.2, 11.0 and later
Backlit Indicators	Line keys, select key, message waiting, audio path keys (handset, headset, and speakerphone)	Line keys, select key, message waiting, audio path keys (handset, headset, and speakerphone)
Security Features	Secure boot, secure credential storage, device authentication, configuration file authentication and encryption, image authentication, random bit generation, hardware cryptographic acceleration, Certificate Authority Proxy Function (CAPF), Manufacturer-Installed Certificates (MIC), Locally Significant Certificates (LSC), Ethernet 802.1x supplicant options: Extensible Authentication Protocol-Flexible Authentication via Secure Tunneling (EAP-FAST) and Extensible Authentication Protocol-Transport Layer Security (EAP-TLS), signaling authentication and encryption using TLS, media authentication and encryption using SRTP, HTTPS for client and server, Secure Shell (SSH) Protocol server, SSL-based VPN client	Secure boot, secure credential storage, device authentication, configuration file authentication and encryption, image authentication, random bit generation, hardware cryptographic acceleration, Certificate Authority Proxy Function (CAPF), Manufacturer-Installed Certificates (MIC), Locally Significant Certificates (LSC), Ethernet 802.1x supplicant options: Extensible Authentication Protocol-Flexible Authentication via Secure Tunneling (EAP-FAST) and Extensible Authentication Protocol-Transport Layer Security (EAP-TLS), signaling authentication and encryption using TLS, media authentication and encryption using SRTP, HTTPS for client and server, Secure Shell (SSH) Protocol server, SSL-based VPN client
Licensing	The Cisco 8851 requires an Enhanced User Connect License (UCL) in order to connect to the Cisco Unified Communications Manager. **Sold separately.**	The Cisco 8851 requires an Enhanced User Connect License (UCL) in order to connect to the Cisco Unified Communications Manager. **Sold separately.**
Warranty	Standard 1 year parts and labor Optional 3 year parts and labor	Standard 1 year parts and labor Optional 3 year parts and labor
Options		
Push to Talk handset **DTD-88XX-PTT**	Available	Available
Push to Mute handset **DTD-88XX-PTM**	Available	Available
Colored Face Plate* **DTD-88XX-XFP**	*Please contact us for available colors	*Please contact us for available colors
Local power supply for non-PoE installations **DTD-TPES61**	Does not apply	Available