



TOO «NAG KAZAKHSTAN»
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Система видеоконференцсвязи Cisco CTS-SX10-K9

CTS-SX10-K9

Описание

В комплект входит:

Кодек SX10 со встроенными HD-камерой и микрофоном - 1 шт

Крепление к стене - 1 шт

Пульт управления - 1 шт

HDMI кабель - 1 шт

Cisco SX10 Quick Set - это система видеоконференцсвязи, предназначенная для небольших помещений малых и средних предприятий.

Подключается по HDMI к различного рода видеоэкранам, делая их полноценными устройствами для дистанционных переговоров.

Эта недорогая, высококачественная система сочетает в себе камеру и кодек в одном устройстве. Реализует видео высокой четкости с разрешением 1080p, обеспечивает широкий угол обзора даже в небольших помещениях.

Камера

Zoom	5
Тип zoom-а	Оптический; Цифровой
Разрешение видео	1080p
Горизонтальный угол обзора,°	83 °
Вертикальный угол обзора,°	51,5 °
Угол поворота	+/- 30 °

Микрофоны



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Микрофон

встроенный или опционально внешний

Кодеки и настройки голоса

Видео кодеки

H.263; H.263+; H.264

Интерфейсы

USB

да

HDMI выход

1x1080p

Питание

Поддержка PoE

Да

Доп. описание

Cisco SX10 Quick Set Specifications

Software compatibility

- Cisco TelePresence Software Version TC 7.1 or later

- Cisco Collaboration Endpoint Software Version 8.0 or later

Product delivered with

- SX10 Codec with integrated HD camera and microphone

- Wall mount

- TRC6 remote control

- Network and HDMI cables

- The current model, CTS-SX10N-K9, includes a dedicated audio transmitter in the base unit to enable seamless performance when using Cisco Intelligent Proximity. The previous model, CTS-SX10-K9, relies on external speakers to transmit the Proximity signal

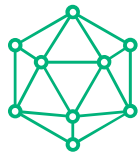
Integrated HD camera

- 5x zoom (2.65 optical and digital zoom)

- +5°/-25° tilt, +/-30° pan

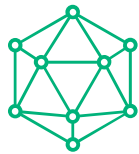
- 51.5° vertical field of view

- 83° horizontal field of view



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- F-value from 2.1
- 1920 x 1080 pixels progressive @ 30 fps
- Automatic or manual focus, brightness, and white balance
- Far-end camera control
- Automatic flipping of picture when upside down
- User interface
- TRC6 remote control and on-screen Graphical User Interface
- Optional Cisco Touch 10 control unit
- Language support
 - English, Arabic, Catalan, Czech, Danish, Dutch, Finnish, French, German, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese-Brazilian, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, and Turkish; depends on software version
- System management
 - Total management using embedded Telnet, SSH, XML, and SOAP
 - Remote software upload using web server, secure copy (SCP), HTTP, and HTTPS
 - Remote control and on-screen menu system
- Directory services
 - Support for local directories (My Contacts)
 - Corporate directory (through Cisco UCM and Cisco TelePresence Management Suite [TMS])
 - Server directory supporting LDAP and H.350 (requires Cisco TelePresence Management Suite)
- Call History with received, placed, and missed calls with date and time
- Power
 - PoE enabled
 - Auto-sensing power supply
 - 100 - 240 VAC, 50/60 Hz
 - Maximum 12 watts in normal operation



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Operating temperature and humidity

- 0° to 40°C (32° to 95°F) at Relative Humidity 10% - 90% (noncondensing)

Storage and transport temperature

- -20° to 60°C (60° to 140°F) at Relative Humidity 10% - 90% (noncondensing)

SX10 codec dimensions

- Width: 10.8 inches (27.5 cm)
- Height: 4.6 inches (11.7 cm)
- Depth: 3.6 inches (9.1 cm) (with max tilt downward on camera)
- Weight: 2.0 pounds (0.9 kg)

Approvals and compliance

- Directive 2006/95/EC (Low-Voltage Directive) - Standard IEC/EN 60950-1
- Directive 2004/108/EC (EMC Directive) - Standard EN 55022, Class B - Standard EN 55024 - Standard EN 61000-3-2/-3-3
- Approved according to UL 60950-1 and CAN/CSA-C22.2 No. 60950-1-07
- Complies with FCC CFR 47 Part 15 Class A

Product Capabilities

Bandwidth

- Up to 3 Mbps

Minimum bandwidth for resolution/frame rate

- 720p30 from 768 kbps
- 1080p30 from 1472 kbps

Firewall traversal

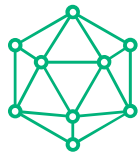
- Cisco TelePresence Expressway Technology

Video standards

- H.263, H.263+, and H.264

Video inputs

Two video inputs (HDMI or VGA selectable through user interface)



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Supported Formats:

- 640x480 (VGA)
 - 720x480
 - 704x576 (4CIF)
 - 800x600 (SVGA)
 - 848x480
 - 1024x768 (XGA)
 - 1152x864 (XGA+)
 - 1280x720 (720p)
 - 1280x768 (WXGA)
 - 1920 x 1080@30 (HD1080p)
- Extended Display Identification Data (EDID)
- Video output

HDMI Output Supported Formats:

- 1920 x 1080@60 fps (1080p60)
- VESA Monitor Power Management
- Extended Display Identification Data (EDID)
- Live video resolutions
- Live Video Resolutions (Encode and Decode):

- 176 x 144@30 (QCIF) (Decode only)
- 352 x 288@30 (CIF)
- 512 x 288@30 (w288p)
- 576 x 448@30 (448p)
- 768 x 448@30 (w448p)
- 704 x 576@30 (4CIF)
-



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1024 x 576@30 (w576p)

- 640 x 480@30 (VGA)

- 800 x 600@30 (SVGA)

- 1024 x 768@30 (XGA)

- 1280 x 768@30 (WXGA)

- 1280 x 720@30 (HD720p)

- 1920 x 1080@30 (HD1080p)

Audio standards

- 64 kbps MPEG4 AAC-LD, OPUS, G.722, G.722.1, G.711mu, G.711a, G.729ab, and G.729

Audio features

- High-quality 20-kHz mono

- Two acoustic echo cancellers

- Automatic Gain Control (AGC)

- Automatic noise reduction

- Active lip synchronization

Audio inputs

- One internal microphone

- One external microphone, 4-pin mini-jack (Table Microphone 20 or Cisco Ceiling Microphone)

- One HDMI audio-in

Audio outputs

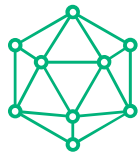
- One line out, mini-jack

- One HDMI, (digital main audio)

Dual stream

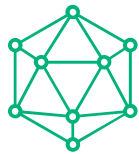
- H.239 (H.323) dual stream (CE8.2 or later)

- BFCP (SIP) dual stream



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- Resolution up to 1080p5 (CE8.0 or later)
- Multipoint support
- Cisco Ad-Hoc Conferencing (requires Cisco UCM, Cisco TelePresence Server, and Cisco TelePresence Conductor)
- Protocols
- H.323, SIP
- H.323 (CE8.2 or later)
- Embedded encryption
- SIP/H.323 point-to-point (H.323 with CE8.2 or later)
- Standards-based: Advanced Encryption Standard (AES)
- Automatic key generation and exchange
- Supported in dual stream
- IP network features
- DNS lookup for service configuration
- Differentiated Services (QoS)
- IP adaptive bandwidth management (including flow control)
- Dynamic playout and lip-sync buffering
- Date and Time support via NTP
- Packet Loss based downspeeding
- URI Dialing
- TCP/IP
- DHCP
- 802.1x Network authentication
- 802.1Q Virtual LAN
- 802.1p (QoS and class of service [CoS])



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ClearPath

Call control



Cisco Unified Communications Manager (CUCM)



Native registration with CUCM



Requires CUCM Version 8.6(2) or later with device pack for SX10 Quick Set



Basic CUCM provisioning



Firmware upgrade from CUCM



Cisco Discovery Protocol and DHCP option 150 support



Basic telephony features such as hold, resume, transfer, and corporate directory lookup



Cisco Video Communication Server (VCS)



Native registration with VCS



Cisco Webex



Third-party H.323 Gatekeepers and standards-based SIP
proxies

IPv6 network support



Dual-stack IPv4 and IPv6 for DHCP, Secure Shell (SSH), HTTP, Secure HTTP (HTTPS), DNS, and Differentiated Services
(DiffServ)



Support for both static and autoconfiguration (stateless address autoconfiguration)

Security features



Management through HTTPS and SSH



IP administration password



Menu administration password



Disable IP services



Network settings protection

Certificate management



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- Certificate Authority Proxy Function (CAPF) support for additional security
 - Manufacturer-Installed Certificates (MIC)
 - Locally Significant Certificates (LSC)
 - X.509 Digital Certificates (DER encoded binary); both DER and Base-64 formats are acceptable for the client and server certificates; certificates with a key size of 1024, 2048, and 4096 are supported
- Network interfaces
- One PoE-enabled LAN connector (RJ-45) 100-Mbit
- Other interfaces
- One USB port for future usage
 - One Micro USB port for debugging