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Executive summary for Cisco SX20 Quick Set CODEC

Manufacturer: Cisco

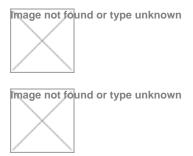
Model: SX20 Quick Set

Software Version: 5.1.4

Optional Features and Modifications:

12x Camera, 4x Camera, Natural Presenter Package, Dual Monitor, Premium Multisite

Date of Test: 15th - 19th October 2012



The Cisco SX20 Quick Set CODEC is a high definition conferencing system, designed to be installed either in a small to medium sized conference room or as part of a Roll-about unit.

The basic system supports a resolution of 1280 x 720 pixels @ 30fps and includes a high definition (HD) camera, a table microphone, an infra-red remote control and PC connectivity in the package. Several options are available:

- 1. A four site on-board Multipoint Conference Unit (MCU)
- The choice of an HD camera with either a 12x or a 4x zoom range
- Premium Resolution with a maximum resolution of 1920x1080 at 60 fps.
- Natural Presenter provides dual video channel H.239
- 5. Dual monitor output

Compatibility with other H.323 CODECS is achieved across a range of resolutions from SIF

(352x240) to 1920x1080 pixels. The quality of the conference is dependent upon the capability of the remote CODEC and the connection speed.

Pros:

- Feature rich, compact and easy to install
- Up to 1080p @ 60fps main video
- Overall video and audio performance

Cons:

- 12x camera focus performance and PTZ mechanical noise
- Vari-speed cooling fan noise
- Maximum Presentation signal frame rate restricted to 15fps at 1080p resolution

Feature Summary:

Video standards	H.263, H.263+, and H.264	
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Supported video resolutions	176 x 144	
Communications		
Communications	H.323 128Kbps ~ 6Mbps	
Audio standards	G.711, G.722, G.722.1, 64 kbps and 128 kbps MPEG4 AAC-LD	
Optional cameras	4x optical zoom camera, PTZ function, 1080 native resolution. 70° horizontal field of view. 12x optical zoom camera, PTZ function, 1080 native resolution. 72° horizontal field of view.	
Video inputs	One HDMI and one DVI-I (Analogue and Digital)	
Video outputs	Two HDMI	
Audio inputs	2 x desk microphones, microphone audio from camera over HDMI, 3.5mm mini-jack connection for laptop/DVD audio	

Audio outputs	HDMI, 3.5mm mini-jack	
Auxiliary features	H.239 second video channel up to 1080p resolution @15fps in point to point and Multisite calls. Far-end camera control. Four site internal H.323 MCU supporting Continuous Presence only.	
Encryption	AES Encryption	

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