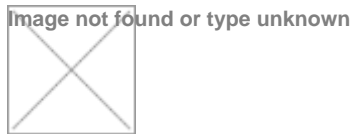


Executive Summary Radvision XT5000

Evaluation carried out December 2012



CODEC Rear view



Remote Control



Desk Microphone

EXECUTIVE SUMMARY

The Radvision XT5000 high definition conferencing system is designed to be installed either permanently in a small to medium sized conference room or as part of a Roll-about unit.

The basic system supports two HD channels: The main channel at 1920 x 1080 pixels /50fps (default for UK users) and the presentation channel at 1920 x 1080 /60fps. The main channel frame rate may be increased to 60fps via the configuration menu. A high definition (HD) camera, a table microphone pod, an infra-red remote control and PC connectivity completes the package. Several options are also available:

1. A four or nine site on-board Multipoint Conference Unit (MCU)
2. 12 Mbit/s Extended IP Bit Rate
3. Additional Digital Microphone Array Pod
4. Advanced Audio CODEC pack (G.728 and G.729A)

5. Support for Scopia desktop and mobile

The maximum point to point connection speed is 6 Mbit/s, the 12 Mbit/s Extended IP Bit Rate option extends the total MCU call bandwidth to 12 Mbit/s but individual connections are still restricted to 6 Mbit/s.

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 on the main video channel and 1920 x 1080 pixels @ 60fps on the H.239 presentation channel.
- 12 Mbit/s overall MCU bandwidth.

Cons:

- Camera Performance.
- Only two images from: Near, Far and Presentation available in single monitor mode
- Limited web video monitoring facilities.

Summary of features

Video standards	H.263, H.263+, H.263++, H.264, H.264 High Profile, H.264 SVC
Supported video resolutions	352 x 240 @25, 30 fps (SIF) 352 x 288 @25, 30 fps (CIF) 400 x 244 @25, 30 fps (SIF) 512 x 288 @25, 30 fps (wCIF) 576 x 336 @25, 30 fps (SIF) 704 x 480 @25, 30 fps (4SIF) 704 x 576 @25, 30 fps (4CIF) 768 x 448 @25, 30 fps (w448p) 1024 x 576 @25, 30 fps (w576p) 1280 x 720 @25, 30, 50, 60 fps (HD720p) 1920 x 1080 @25, 30, 50, 60 fps (HD1080p)

Communications	H.323 and SIP 128Kbps ~ 6Mbps ~12Mbps (Option)
Audio standards	G.711, G.722, G.722.1, MPEG4 AAC-LD, G.719 Optional G.728, G.729A
Camera	10x optical zoom camera, PTZ function, 1080 native resolution. 70° Horizontal field of view.
Video inputs	One HDMI and one DVI-I (Analogue and Digital)
Video outputs	Two HDMI
Audio inputs	2 daisy chain desk microphones, 3.5mm mini-jack connection for laptop/DVD audio, Optical audio input
Audio outputs	HDMI, 3.5mm mini-jack, Optical audio output
Auxiliary features	H.239 second video channel up to 1080p resolution @60fps in point to point calls. Far-end camera control. Four/nine site internal H.323 MCU supporting Continuous Presence only.
Encryption	AES Encryption

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