

Broadcast specifications

MPEG-1, MPEG-2 MP@ML & MP@HL, MPEG4.10 AVC (H.264) to HP@L4.1, VC-1 AP@L3

MPEG-1 layer 1,2. MP3, WMA, AAC LC, AAC LC+SBR L2, AAC+L2, AAC+L4 Dolby Digital & Dolby Digital +

CBR & VBR transport streams MPEG-TS or RTSP/RTP over UDP/IP

Outputs : HDMI, Component, S-Video (Y/C), Composite

Display modes : 1080i, 720p, 704 x 576 (PAL), 640 x 480 (NTSC)

Aspect ratios : 4:3 and 16:9

Video Conference details

Video protocols

H.264

H.263++

H.261

H.239

H.263 & H.264 Video Error Concealment

Resolutions

720p, 30fps at 1 Mbps–2 Mbps (Only for HD version)

4SIF (704 x 480)/4CIF (704 x 576) at 256 Kbps-2 Mbps

SIF (352 x 240), CIF (352 x 288)

QSIF (176 x 120), QCIF (176 x 144)

Video + Content resolutions supported

1280x720 for HD version

Supports various inputs up to 1024x768

Audio standards used

Annex C

7 kHz bandwidth with G.722, G.722.1

3.4 kHz bandwidth with G.711, G.728, G.729A

Automatic Gain Control

Automatic Noise Suppression

Instant Adaptation Echo Cancellation

Audio Error Concealment

Security

Embedded AES FIPS 197, H.235V3 and H.233/234 encryption levels

Secure password authentication

Secure Web

Secure Telnet

Privacy mode supported for the camera (i.e. The camera will turn away from focus area when unused).



camera	HD camera	SD camera
resolution	1280 x 720p CCD imager	752 x 582 CCD imager
zoom	12X optical zoom	12X optical zoom
field of view	72deg FOV at min zoom	72deg FOV at min zoom
pan	+/- 100 degrees	+/- 100 degrees
tilt	+20/-30 degrees	+20/-30 degrees
output formats	1280 x 720p, 50/60 FPS	752 x 582, 50/60 FPS
Dimensions	13.87" (H) x 5.08" (W) x 11" (D)	13.87" (H) x 5.08" (W) x 11" (D)