CM55-VCT

HD PTZ Conference Camera

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The Avonic CM55-series cameras are designed for high-quality video confencing. Whether using hardware H.323 or software codecs like Skype for Business, these cameras offer an affordable solution, without concessions.

The CM55-VCT is a H.323 video conferencing camera to be used with any H.323 multipoint control unit. Due to its standard H.323 support, the camera can easily be integrated in existing installations. Its compatible with Polycoms video conferencing systems amongst others.

The 12x optical zoom 72,5° wide-angle lens makes sure that every detail is captured. Control the camera with the included remote control or the built in GUI.

*Microphone is included

Description

The CM55-VCT supports resolutions up to 1080p/30 for a crystal clear video conferencing experience. The camera has an additional input for sharing an external source like a PowerPoint presentation. The sleek design makes for a less intrusive presence of the camera, ideal for situations where the camera is placed directly onto the meeting table. Easily switch between presets using the IR remote. The low noise and high accuracy drive system ensures precise and smooth motion.

Features

CM55-VCT PTZ Camera

All-in-one design, Camera + Video Conferencing system built-in-one device, simple to use, Support Wi-Fi, supports included or external microphone, small size, easy to install.

72,5° wide-angle high quality lens, supports 12x optical zoom and 32x digital zoom.

Supports 1080p Full HD video input and supports 2 external video inputs. (DVI-A or DVI-D)

RESTful API + Android runtime environment, supports custom UI and third-part applications, the development of applications that can be deployed inside the terminal or external.

Full open SDK, provides powerfull media processing engine, supports the development of third-party protocols and applications, easy to implement secondary development for customers.

Version 1.1

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	Avonic CM55-VCT
Video Standard & Protocols	ITU-T H.323, IETF SIP
Audio Standards & Protocols	H.263, H.263+, H.264BP, H.264HP
Dual Stream	G.711, G.722, G.722.1*, G.722.1C*, AAC-LD, G.723.1, G.726, G.728, SILK
Other Standards	ITU-T H.239, BFCP
Video Standard	H.221, H.225, H.235, H.241, H.245, H.281, H.350, H.460, T.140, DTMF
Network Standards & Protocols	TCP/IP, DHCP, SSH, HTTP, HTTPS with SSL/TLS, RTP, RTCP, RFC3261, RFC3264, RFC2190, RFC3407, RFC2833, RFC4585(RTP/AVPF), SNTP, ARP
People Video Resolution	1080p/30fps from 512Kbps (Optional) 720p/50/60fps from 512Kbps (Optional) 720p/25/30fps from 384Kbps 4SIF/4CIF from 128Kbps SIF/CIF/QSIF/QCIF/SQSIF/SQCIF from 64Kbps
Content Video Resolution	Input: VGA 640x480/60/72/75/85fps, SVGA 800x600/56/60/72/75/85fps, XGA 1024x768/60/70/75/85fps, 1152x864/60/75/85fps, 1280x600/60fps, WXGA 1280x768/60/75/85fps, WXGA 1280x800/60/75/85fps, 1280x960/60/75/85fps, SXGA 1280x1024/50/60/72/75/85fps, 1360x768/60fps, 1366x768/60fps, 1440x900/60fps, XGA+ 1400x1050/60fps, 720p/60/75/85fps, 1080p/60fps, 1600x900/60fps, 1600x1200/60fps, 1680x1050/60fps, 1920x1200/60fps Coding/Decoding Resolution: 800x600, 1024x768, 1280x1024, 1280x720, 1920x1080 Output: 800x600, 1024x768, 1280x1024, 1280x720, 1920x1080
Dual Stream	1080p/30fps + 1080p/5fps or Dual 720p/30fps
Built-in 1080p HD Camera	Video output pixels: 1080p/30fps Sensor: 2.07 mega effective pixel, 1/2.7-inch CMOS Zoom: 12x optical zoom Maximum horizontal angle: 72,5° horizontal field of view Panning/Tilting angle: +/-100° pan, -30° ~ +90° tilt Automatic White Balance (AWB), Automatic Exposure (AE), Automatic Focus (AF) Far-end camera control Upside-down mounting with automatic flipping of picture Number of preset positions: 255
Other Video Features	Intelligent Face Detection Picture in Picture, Picture outside Picture
Audio Features	Acoustic Echo Cancellation (AEC) Automatic Gain Control (AGC) ±6 dB Acoustic Noise Suppression (ANS) 12 dB Lip synchronizationH.235 (AES) signaling and media stream encryption
Security	H.235 (AES) signaling and media stream encryption Administrator password, SSH/HTTPS
Firewall Traversal	H.460.18, H.460.19, H.460.23, H.460.24 firewall traversal, ICE
IP	64kbps ~ 4Mbps
Support Brands	StarLeaf® StreamOcean®
Audio Input	1 x 3.5mm line-in jack, 1 x 3.5mm mic-in jack
Audio Output	3.5mm line-out jack, 1 x HDMI audio output
Video Input	1 x Built-in Camera, 1 x DVI-I
Video Output	2 x HDMI
USB Interface	2 x USB2.0 Host
Network Interface	1 x RJ45: 10/100 Base-T 1 x Wireless: 802.11a/b/g/n Wi-Fi
Languages	English, Russian , French , Spanish, Portuguese, German, Finnish, Polish, Hungarian, Italian, Norwegian, Arabic, Swedish, Romanian, Czech, Turkish, Greek, Dutch, Simplified Chinese, Traditional Chinese, Thai, Malay, Indonesian
Approval and Compliance	1000 local address book LDAP/Network address book, H.350
Special Features	IPv4, Wi-Fi Upside-down mounting 16:9 and 4:3 mixed display PIP: 1/16 picture size, optional position Split output: Bi-screen and tri-screen display LDAP/Network address book Support SDK API
Dimensions	Codec dimensions (LxWxH): 239.4mm x 147.9mm x 175.9mm Package dimensions (LxWxH): 304mm x 248mm x 257mm Net weight: 2.5 kg, Package Weight: 3.5 kg
Electrical	Working voltage: AC 100V ~ 240V, DC 12V Working frequency: 50/60Hz Power consumption: 60W
Environmental Specification	Operating Temperature: 0° to 40ºC, Non-Operating Temperature: -40° to -70ºC Operating Humity: 10% to 80%, Non-Operating Humity (Non-condensing): 0% to -95% Peripheral noise: < 46 dBA SPL Lowest Luminance: 5 lux, Recommended luminiance: > 300 lux
Approval and Compliance	CE, RoHS, WWEE, REACH, UL, FCC. CCC

*G.722.1/G.722.1C, licensed from Polygon ®

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