iCam X/ XE

Conference Kit w/ PTZ camera and Speakerphone

iCam X

iCam XE

INTRODUCTION

iCam XE: Designed for large-size meeting room.
The iCam XE is the best-selling room-based USB PTZ camera kit. Supplied with a central speaker and microphone there are optional MICs to increase the room coverage, the solution provides a room system experience connecting to a PC or laptop via USB.

iCam X: Designed for medium-size meeting room.
The iCam X is the cost-effective room-based USB PTZ camera kit. Supplied with a central speaker covering 360° 6m meeting space, the solution provides a room system experience connecting to a PC or laptop via single USB.

PERFECT FOR MIDUEM TO LARGER ROOMS

iCam X series, our video conferencing solution for rooms that seat 14–20 people, delivers high quality HD video and crystal clear audio, allowing any meeting place to be a video conferencing space. With advanced features like acoustic echo cancellation, noise reduction technology, and intuitive controls, it's easier than ever to include everyone in the conversation.

PLUG-AND-PLAY SIMPLICITY

USB plug-and-play connectivity makes iCam X a breeze to deploy and use. Simply connect iCam the conference room computer or your laptop through USB, and you're good to go. Use iCam with any video conferencing software, including those you already use. For great-sounding audio calls, pair your mobile device with Bluetooth® wireless technology to the speakerphone.

OPTIONS GIVE YOU VERSATILITY

Customize the setup to match the layout and size of your room. Mount the camera on a table, tripod, or wall. Optional expansion mics extend audio coverage up to 10 meters. Add an optional 10 meters cable to increase the reach of the speakerphone or camera.

HIGH-DEFINITION VIDEO

Bring meetings into focus with the premium lens, 10x lossless zoom, and HD 1080p/30 performance. Perfectly frame presenters and whiteboards with pan/tilt control and zoom in for detail and clarity. The iCam X 88° diagonal field-of-view provides ideal coverage for medium and large conference rooms, with motorized pan and tilt for wall-to-wall, floor-to-ceiling coverage.

NATURAL-SOUNDING AUDIO

Everyone hears and can be heard with our full-duplex speakerphone, which delivers sound that's crisp, clear, and highly intelligible. Acoustic echo cancellation and noise reduction technology make conversations natural-sounding while reducing reverberation and ambient noise.

SPEAKERPHONE WITH BLUETOOTH

Hear and be heard with life-like clarity. The full-duplex speakerphone provides 360° coverage with four omnidirectional mics. Beamforming technology helps pick up speech throughout a 6m / 20 ft diameter while reducing keyboard clicks and other audible distractions. You can even pair iCam X with your smartphone or tablet to enjoy outstanding audio clarity and ample volume with mobile applications and conference calls.

CONVENIENT CONTROLS

The speakerphone provides a convenient dock for the handheld remote control, and features tactile buttons to mute audio, adjust volume, move the camera, and more.

AVAILABLE EXPANSION MICS

Extend the range of the iCam video conferencing system with the expansion mics. Accommodate up to 20 people in one large room and make sure everyone's voice can be heard. Simply plug the microphones into the speakerphone: they are automatically recognized and configured. An indicator light shows when the microphone is muted, when a call is active, and when Bluetooth wireless pairing has begun.

CABLING MADE EASY

With our OCS (One Cable Station) technology, the iCam X compact Hub simplifies cabling and makes it easy to run cables under tables and through conduit. Integrated data and power means that the camera and speakerphone each connect with a single cable. The included 5m / 16 ft cables give you lots of placement options, while optional extended cables offer double or triple the reach.

FEATURES

Complete audio/video conferencing group for medium to large rooms: HD video camera, speakerphone, and expansion mics.

Up to 20 participants: 6m(20ft). audio range and 88 degrees of FOV for medium to large group conferences.

High-end speakerphone, Plug & Play, and HD audio allows everyone around the conference table to hear and be heard clearly.

Easy video conferencing: Launch video meetings with our unique OCS (One Cable Station) plug & play USB connection.

High-def video: HD 1080p video with autofocus, 10x zoom lens. 88 ° wide view angle without distortion make sure you see every detail of the meeting room.

Compatible with Mac and PC.

Control via speakerphone: PTZ, zoom in/out, 3 camera presets, Volume +/-, Mute/ Unmute, Pickup/ Reject, and more.

Model: iCam X (without expansion mics)

Model: iCam XE (with 2 expansion mics)

DATASHEET

Detail Parameters (CAMERA):			
Model NO.	iCam X/ iCam XE Camera	Image Sensor	1/2.9 inch SONY HD CMOS
Effective Pixels	2.1 mega pixel	Focal Length	F=5.0 mm~50.0 mm F1.8(W)~2.1(T)
Gain Control/Focus	Auto/manual	Video Output	USB2.0
Signal Standard	NTSC/PAL	SNR Ratio	> 50dB
Zoom	10x optical zoom	FOV	88°
Video Output	USB 2.0	Remote Control	IR wireless remote control P/T
Horizontal Resolution:	1080P, 720P	Control Terminal	USB,RS-232C,RS485
Pan/Tilt Movement Range	Pan:±175° Tilt:-35 °~+90°	Control Protocol	VISCA, PELCO-D, PELCO-P
Dimension	162*172*180mm/257*220*210(before/ after packing)	Baud Rate	38400/9600bps
Detail Parameters (SPEAKERPHONE):			
Model NO.	iCam X/ iCam XE Speakerphone	Bluetooth	Bluetooth devices available
Voice Technical Parameters	Acoustic echo cancellation(AEC): > 65dB; Echo length cancellation:≥400ms; Birdirection noise compression: < 25dB; Automatic Direction Finding Technology of Intelligent Microphone （EMI) Automatic Gain Control （AGC)	Audio Parameters	Microphone Frequency Response:100Hz-22Hz; Speaker Frequency Response: 100Hz-22Hz; Speaker Volume: 95dB at the most; Microphone Sound-pickup Diameters:6 meters, 360 degrees full range.
IR Reception	Angle: 360 ° Distance: 10m IR Transparent Transmission Available;	Expansion Mic	2 external microphones are optional for

			connection making the sound-pickup diameter up to 10 meters. (Only the iCam XE includes the expansion mics)
Dimension	200mm×200mm×52mm(L×W×H)		
Detail Parameters (OCS HUB):			
Model NO.	iCam X/ XE OCS (One Cable Station) hub	Power Supply	EC3800 plug (DC12V) Adapter input AC100V-AC220V; output DC12V/1.5A
Connection Cable	Mini DIN6 data line*2; Length: 5m	USB Cable	USB 2.0 cable
Compatibility	Support Windows, Android, iOS and Linux Drive-free automatic recognition of cameras, microphones and speakers Compatible with Zoom, Lynch, Vidyo, Skype for business and etc.	Interface	Mini DIN6 ×2 Power interface × 1 Power switch × 1 Mini USB interface × 1
Dimension	100mm×62mm×27mm(L×W×H)	Accessories	Power adapter, USB 2.0 cable, remote controller, 2 connection cables and user manual