



## Q-SYS PTZ 12x72

## Q-SYS PTZ 20x60

PTZ-IP Conferencing Cameras

### Features

- Professional quality video conferencing for the Q-SYS AV-to-USB Bridging Solution
- Distribute video via the Q-LAN network anywhere it is needed
- HDMI resolutions up to 1080p60
- Image rotation controls to allow for inverted mounting using optional ceiling bracket
- Motorized Pan, Tilt and Zoom (PTZ) provides complete room coverage and privacy
- Auto exposure, auto focus and auto white balance modes
- Native custom camera interfaces through Q-SYS Designer Software
- Includes wall mount bracket for simple installation



The PTZ 12x72 / PTZ 20x60 cameras integrate with the Q-SYS™ Platform and Q-SYS bridging peripherals like the Q-SYS I/O-USB Bridge or Q-SYS Touch Screen Dialer & Controller to deliver professional quality conference video feeds alongside industry leading audio processing for small, medium and large sized meeting rooms for utilizing soft-codec conferencing or computer-based capture.

### Benefits

- **Networked PC Integration:** The camera's network distribution allows every PC, at the table or in the rack, to simultaneously access and control the Q-SYS audio and camera video streams using the AV-to-USB Bridging built into the I/O-USB Bridges.
- **Flexible:** Simultaneous IP Streaming, HDMI and 3G-SDI outputs providing designers tremendous flexibility when including in enterprise system designs.
- **Enterprise Management:** Can be controlled and managed through Q-SYS Designer, and Q-SYS User Controlled Interfaces (UCI).
- **Real Time Feedback:** View the camera's video while controlling the camera on Q-SYS UCIs
- **Scalable:** Users can select as many streams from as many PTZ-IP Cameras as necessary for their designs

### Key Features

- PTZ 20x60: 20x optical zoom, 60° horizontal Field of View (FoV)
- PTZ 12x72: 12x optical zoom, 72° horizontal Field of View (FoV)
- Low Noise CMOS Image Sensor, S/N Ratio  $\geq$  55dB
- Simultaneous IP Streaming, HDMI and 3G-SDI outputs
- Power over Ethernet (PoE, 802.3af) or local 12v power supply
- Multiple resolutions: provides for a greater range of connectivity resolutions for different application and network environments
- Optimized for quiet operation
- Fully compatible with all existing and future Q-SYS Core processors
- Covered by QSC Systems 3-year warranty

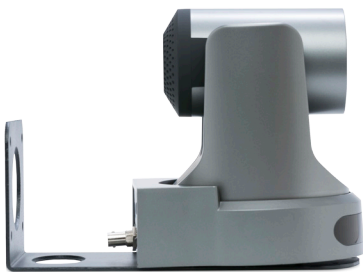
Q-SYS PTZ 12x72

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# IP-PTZ Conferencing Cameras - Details



I/O-USB Bridge not included



PTZ-CMB1 Ceiling Mounting Bracket



## Specifications

### System Details

Image Sensor	1/2.7", Low Noise CMOS Image Sensor	
Lens characteristics (wide to tele)	<b>PTZ 12x72</b> 12x optical zoom, f=3.5mm to 42.3mm, F1.8 to F2.8; Horizontal Field of View: 72.5° to 6.9°, Vertical Field of View: 44.8° to 3.9°	
	<b>PTZ 20x60</b> 20x optical zoom, f=4.42mm to 88.5mm, F1.8 to F2.8; Horizontal Field of View: 60.7° to 3.36°, Vertical Field of View: 34.1° to 1.89°	
Minimal Illumination	0.5 lux at F1.8 (AGC On)	
Noise Reduction	2D and 3D	
S/N Ratio	≥ 55dB	
Pan / Tilt Angle and Speed	Pan: ±170° rotation, speed: 1.7° to 100°/sec, Tilt: -30° to +90° rotation, speed: 1.7° to 69.9°/s	
Ceiling Mountable	Image rotation for ceiling mounting, ceiling mount bracket accessory available	
HD Video Outputs	HDMI and 3G-SDI	
Ethernet	100BaseTX / 1000BaseT	
Video Resolutions	HDMI / SDI: 1080p 60/50/30/25 1080i 60/50 720p 60/50/30/25	Network (30fps, 16:9): 1080p, 720p, 576p 360p, 270p, 180p
Input Voltage	DC 12V or PoE (802.3af)	
Current Consumption	12v DC @ 1.0A (max)	
Operating Temperature	-10°C - 40°C (14°F - 104°F), Indoor use only	
Storage Temperature	-40°C - 60°C (-40°F - 140°F)	
Power Consumption	12W (max)	
Dimensions	7.5 in x 5.6 in x 6.5 in (169mm x 142mm x 164mm)	
Weight	3.0 lbs (1.35 kg)	

# QSC®

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