Q-SYS NC-90-G2

Network ePTZ camera

KEY FEATURES

- 20 MP fixed-lens electronic pan, tilt, zoom (ePTZ) with 90° horizontal field of view
- Active Speaker Framing enables AI-driven dynamic camera positioning with full-body recognition to ensure that talkers stay in frame even if turned from the camera.
- Tile View offers a multiview composition of up to nine framed shots for a better collaboration experience from a single network camera.
- Professional quality video conferencing for the Q-SYS AV bridging solution
- Power over Ethernet (PoE+)
- Distribute video via the Q-LAN network anywhere it is needed
- Add as many network-based NC Series cameras to a design as needed to enable multi-camera functionality when integrating UC platforms
- Complete camera imaging controls, including white balance, focus and exposure
- Image Rotation control inverts the video when the camera is mounted upside down.
- Includes lens cover for privacy

Q-SYS NC Series network cameras deliver high-quality video feeds natively to Q-SYS. The NC-90-G2 is the next generation ePTZ network camera that combines onboard AI with enhanced optics to deliver an automated collaboration experience in smaller, wider collaboration spaces.

Driven by the Q-SYS OS, the NC Series integrate seamlessly into any Q-SYS system, allowing for easy camera feed routing anywhere on the network without the need for complicated programming or video matrix hardware. These camera video feeds are delivered to any modern video conferencing applications such as Microsoft Teams, Zoom, Google Meet, and Cisco Webex via any Q-SYS AV bridging peripheral

CAPTURE ANY SPACE

Q-SYS NC Series enables a broad range of room layouts, sizes and purpose to ensure all in-room participants can be seen. The NC-90-G2 ePTZ camera enables smaller, wider room types, while the NC-12×80 and NC-20×60 deliver PTZ functionality for larger and/or reconfigurable room layouts.

NETWORK SIMPLICITY, USB DELIVERY

NC Series enlists a single network cable for video, power and control data transport into Q-SYS and then delivers the video to its intended UC compute device via USB. By leveraging the power of the network, Q-SYS allows you to add as to add as many NC Series cameras to your system as you desire, all while delivering a singular UVC/UAC stream to your application of choice.

INTRINSIC CONTROL & AUTOMATION

As native Q-SYS devices, NC Series leverage the full capabilities of the Q-SYS control engine, from drag-and-drop integration to scalable user control and automation. This allows you to design and deliver a user control and automation experience tailor-made for each unique space.

INTEGRATED AUDIO, VIDEO AND CONTROL

NC Series cameras are driven by the Q-SYS Full Stack AV Platform, which unifies data, devices and a cloud-first open architecture to deliver a fully integrated audio, video and control solution that offers simpler integration and software-based scalability.

SYSTEM DETAILS

Description	Network ePTZ conference camera
Image sensor	1/1.8" low-noise CMOS
Lens characteristics (wide to tele)	Fixed focus Lens 5x max zoom, 3x lossless f=3.59 mm Supports ePTZ
System scanning mode	Progressive
Signal-to-noise ratio	≥ 55 dB
Horizontal rotation range	Supports ePTZ
Vertical rotation range	Supports ePTZ
Horizontal and vertical flip	Supported (enables ceiling-mounted installations)
Maximum recommended subject distance for Active Speaker Framing	26 ft (7.9 m)

CAMERA IMAGING

Minimum illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s to 1/1000s
White balance	Auto, indoor, outdoor, one push, manual, specified color temperature
Digital noise reduction	3D digital noise reduction

SUPPORTED VIDEO FORMATS

Supported bridging formats	Core Nano, Core 8 Flex, NV-32-H (Core Capable), I/O-USB Bridge: **MJPEG & YUY2** Core 110f, Core 24f, NV-21-HU, TSC Series: **YUY2** (360p max resolution on USB 2.0, 1080p30 max resolution on USB 3.0–except for NV-21-HU, 720p30 max resolution on USB 3.0)
Supported bridging resolutions	**1080p**: 30, 15 fps | **720p:** 30, 15 fps | **360p:** 30, 15 fps | **180p:** 30, 15 fps
IP stream resolutions (preview window)	H.264 @ 360p, 270p or 180p
Tile view	With room view: Up to 7 attendees visible at once Without room view: Up to 9 attendees visible at once (default to full screen room view if # attendees greater than 9)
HDMI output (RGB 4:4:4 8 bit)	No HDMI output
3G-SDI output	No SDI output

POWER

DC power input	N/A
Power over Ethernet (PoE)	PoE Type 1, Class 3
Power consumption	12.95 W max

GENERAL SPECIFICATIONS

Network interface	1000BaseT (IEEE 802.3ab) Ethernet interface
Operating temperature	0°C - 40°C
Storage temperature	-40°C - 60°C
Size	10.0 × 2.3 × 4.2 in 252.2 × 56.5 × 104.5 mm
Net weight	1.5 lbs (0.7 kg) with bracket

Q-SYS

LAN/POE

Q-SYS

QSC, LLC.
1675 MACARTHUR BLVD.
COSTA MESA, CA 92626

QSYS.COM

February 12, 2026