

EYEQ™ – CUT STREAMING CONGESTION ON BROADBAND NETWORKS BY 50%

Ready to deploy now on all streaming networks worldwide. Harness the power of advanced video compression!



UNRIVALED VIDEO QUALITY LOWEST EVER BITRATES

Broadband congestion is multiplying at a rate that has never been seen before. Excessive demand for advanced video services and video communications is overburdening networks and storage.

The solution you need is here, with Harmonic's EyeQ advanced video compression, already entrusted by many of the largest video providers around the world.

Bandwidth use and quality are no longer a trade-off. EyeQ's patented content-aware and predictive encoding is powered by the latest developments in Artificial Intelligence. It brings the solution you need for guaranteeing your viewers superior quality, while cutting bandwidth requirements by up to 50 percent compared to traditional encoding methods.

All of this is available on your existing delivery and storage infrastructures, compatible with all viewing devices, with no need for major investments in upgrades.

Mimic the excellence of the human eye.

EyeQ's patented AI algorithms imitate the way the human eye focuses on contrast, color and movement within a video frame. It dynamically adapts encoding parameters in real-time to allocate bitrate where needed and increase compression in other areas.



Constant viewing quality.

EyeQ's advanced algorithms provides constant video quality, rather than just constant bit rate. That means your viewers enjoy a much better experience, as the video stream is always stable with less buffering or artifacts to disrupt their enjoyment.

Video downloading is faster too, as EyeQ's unrivaled compression means video packets are smaller.



Cut bandwidth and storage by 50%.

EyeQ brings you and your viewers big bandwidth economies of up to 50%. Its powerful compression capacities also mean you'll benefit from savings in storage, energy and delivery costs.

Keep your viewers happy too: no competition for bandwidth, even when the whole family is watching their preferred content on different screens!



Ready to deploy on your network, now!

With EyeQ, you can optimize your video quality over any delivery network, without changing your infrastructure. EyeQ is 100% standards compliant with all formats, codecs, encoding schemes and resolutions.

Deliver best-in-class services, including live streaming, video on demand and catch up TV, to any screen, in any resolution, by simply deploying EyeQ on your existing Harmonic encoding infrastructure.