

Low-latency 8K live Internet streaming: end-to-end latency measurements and the contribution of the different components in the pipeline

From Poznan (PL) to	Live camera processing	Encoder + decoder	Round Trip Time (RTT)	Transport protocol	End-to-end measured latency
Berlin (DE)	260 ms	700 ms	40 ms	150 ms	1145 ms
Portland (US)	260 ms	750 ms	165 ms	500 ms	1514 ms
Tokyo (JP)	260 ms	750 ms	252 ms	800 ms	1982 ms
Rio de Janeiro (BR)	260 ms	750 ms	290 ms	900 ms	2261 ms

Demonstration organized by Intel (US), NHK Technologies (Japan), Poznan Networking and Supercomputing Center - PSNC (Poland), Spin Digital (Germany), Globo (Brazil), and with the support of Sony (Japan/UK), Astrodesign (Japan), and Zixi (US).