



GATAN

OneView: revolutionise your TEM workflow with the only camera running at 25 frames per second at 4K resolution and with ultrafast video capability

Digital cameras for TEMs were initially a film substitute, only used for final acquisition, because they were too slow for use whilst searching or focussing. In more recent times, cameras became faster and could be used less painfully in fast readout modes, at reduced resolution or from sub-areas. Finally, OneView has arrived. Gatan's new sensor technology allows a full 4K x 4K image to be constantly refreshed at 25 frames per second. This means no compromises on read-out area or resolution and a very easy, streamlined user experience. Furthermore, this technology enables real time drift correction during image acquisition. Sharp images are available even from drifting or unstable samples. With the addition of the "in situ" option, this camera can be accelerated to >200 frames per second, opening new experimental possibilities for dynamic TEM studies.