

Comparison TemCam-XF416 Gatan OneView

	TemCam-XF416	OneView
Framerate	Variable up to 24 f/s	Fixed 25 f/s
Pixel size	15.5 μm	15 μm
Image size	63.5 mm	61.4 mm
Digitalization	16bit single frame	14bit single frame
Signal/Noise electron@ 200kV	15:1	6:1
NTF @ Nyquist @ 200kV	15%	8%
MTF @ Nyquist @ 200kV	6%	2%
MTF @ 1/2Nyquist @ 200kV	22%	10%
DQE @ Nyquist @ 200kV	5%	
DQE @ 1/2Nyquist @ 200kV	20%	
Dual Dynamic readout	yes	no
GPU support in DMA mode	yes	?