

Image pixel sizes of microscope cameras at different objective lens magnifications

System	Camera	Objective	Pixel size (µm/pixel)
Olympus xcellence TIRF/Scanner FRAP	Hamamatsu ImagEM (C9100-13)	40x	0.400
		60x	0.266
		100x	0.160
	Olympus XM10	40x	0.161
		60x	0.108
		100x	0.065
Leica DMI8 Spinning Disk	Hamamatsu EMCCD ImagEM Enhanced (C9100-13)	25x	0.427
		40x	0.267
		63x	0.169
		100x	0.107
	Hamamatsu Orca Flash 4.0 LT (C11440-42U)	25x	0.173
		40x	0.108
		63x	0.069
		100x	0.043
Olympus xcellence	Hamamatsu Orca-R2	10x	0.645
		20x	0.323
		40x	0.161
		60x	0.108
		100x	0.065
Olympus ScanR screening system	Hamamatsu EMCCD (C9100-02)	20x	0.400
		40x	0.200
		60x	0.133
		100x	0.080
DeltaVision personalDV	Photometrics CoolSnap HQ	5x	1.290
		10x	0.645
		20x	0.323
		40x	0.161
		63x	0.102
Leica DMRXA	Hamamatsu ORCA-ER	5x	1.290
		10x	0.645
		20x	0.323
		40x	0.161
		63x	0.102
		100x	0.065
Zeiss Axio Observer	Zeiss AxioCam MRm	20x	0.323
		40x	0.161
		63x	0.102
		100x	0.065
Nikon BioStation IM-Q	Nikon DS-Qi1Mc	20x	0.323
		40x	0.161
		80x	0.081

For all systems, microscope magnification changer always set to 1 and 1x1 binning!