

## NUV-VIS Zoom Matrix

Objective Lens (Mitutoyo) Plan Apo NUV	Working Distance (mm)	Numerical Aperture	Depth of Field ( $\mu$ )	Camera Format	1.0x Adapter	
					Low Mag.	High Mag.
10X	30.5	0.28	6.4	Mag.	4.0x	24.9x
				Sensor 1/4"	0.80h 0.60v	0.13h 0.10v
				Sensor 1/3"	1.20h 0.90v	0.19h 0.14v
				Sensor 1/2"	1.60h 1.20v	0.26h 0.19v
				Sensor 2/3"	2.20h 1.65v	0.35h 0.27v
20X	17.0	0.40	3.1	Mag.	8.0x	49.7x
				Sensor 1/4"	0.40h 0.30v	0.06h 0.05v
				Sensor 1/3"	0.60h 0.45v	0.10h 0.07v
				Sensor 1/2"	0.80h 0.60v	0.13h 0.10v
				Sensor 2/3"	1.10h 0.83v	0.18h 0.13v
50X	15.0	0.42	2.8	Mag.	20.0x	124.3x
				Sensor 1/4"	0.16h 0.12v	0.03h 0.02v
				Sensor 1/3"	0.24h 0.18v	0.04h 0.03v
				Sensor 1/2"	0.32h 0.24v	0.05h 0.04v
				Sensor 2/3"	0.44h 0.33v	0.07h 0.05v



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