

Zoom 7000 Field of View Matrix



945 East 11th Avenue Tampa, FL 33605

Phone: (813) 984-0125

Contact: Sales@pyramidimaging.com

<https://pyramidimaging.com>

Zoom 7000 Field of View

W.D. (mm)	2/3" High Mag.		2/3" Low Mag.		1/2" High Mag.		1/2" Low Mag.		1/3" High Mag.		1/3" Low Mag.		1/4" High Mag.		1/4" Low Mag.	
	H	V	H	V	H	V	H	V	H	V	H	V	H	V	H	V
127	8	6.0	48	36	5.8	4.4	35.0	26.3	4.3	3.2	25.9	19.4	2.9	2.2	17.5	13.2
152	10	7.5	60	45	7.3	5.5	43.8	32.9	5.4	4.1	32.4	24.3	3.7	2.8	21.9	16.5
178	12	9.0	72	54	8.7	6.6	52.6	39.4	6.5	4.9	38.9	29.2	4.4	3.3	26.3	19.7
203	14	10.5	84	63	10.2	7.7	61.3	46.0	7.6	5.7	45.5	34	5.1	3.9	30.7	23.0
229	16	12.0	96	72	11.7	8.8	70.1	52.6	8.6	6.5	51.8	38.9	5.9	4.4	35.1	26.3
254	18	13.5	108	81	13.1	9.9	78.8	59.1	9.7	7.3	58.3	43.7	6.6	5.0	39.4	29.6
279	20	15.0	120	90	14.6	11.0	87.6	65.7	10.8	8.1	64.8	48.6	7.3	5.5	43.8	32.9
305	22	16.5	132	99	16.1	12.0	96.4	72.3	11.9	8.9	71.3	53.5	8.1	6.0	48.2	36.2
With Close-up Lens Removed																
610	42	30	252	180	30.7	21.9	184.0	131.4	22.7	21.1	136.1	97.2	15.4	11.0	92.0	65.7
762	54	39	324	234	39.4	28.5	236.5	170.8	29.2	25.9	175.0	126.4	19.7	14.3	118.3	85.4
914	66	48	396	288	48.2	35.0	289.1	210.2	35.6	25.9	213.8	155.5	24.1	17.5	144.6	105.1
1,067	78	57	468	342	56.9	41.6	341.6	249.7	42.1	30.8	252.7	184.7	28.5	20.8	170.8	124.9
1,219	90	66	540	396	65.7	48.2	394.2	289.1	48.6	35.6	291.6	213.8	32.9	24.1	197.1	144.6

Taken from 2/3", 1/2", 1/3" & 1/4" camera monitor systems with an approximate 10% overfill. All dimensions are in mm. Focus adjustment comes with locking screw. Iris and Zoom can be modified upon request.

Zoom 7010 Field of View

W.D. (mm)	1/3" High Mag.		1/3" Low Mag.		1/4" High Mag.		1/4" Low Mag.	
	H	V	H	V	H	V	H	V
178	7.36	5.52	74.40	55.80	4.88	3.66	49.60	37.20
203	9.12	6.84	92.80	69.60	6.08	4.56	61.60	46.20
229	10.96	8.22	111.20	83.40	7.28	5.46	74.40	55.80
254	12.48	9.36	126.40	94.80	8.32	6.24	84.00	63.00
279	13.92	10.44	140.80	105.60	9.28	6.96	93.60	70.20
305	16.80	12.60	170.40	127.80	11.20	8.40	113.60	85.20
With Close-up Lens Removed								
406	18.40	13.80	188.00	141.00	12.24	9.18	125.60	94.20
508	25.00	18.00	244.00	183.00	16.00	12.00	162.40	121.80
610	29.60	22.20	304.00	228.00	19.76	14.82	202.40	151.80
914	44.80	33.60	456.00	342.00	29.84	22.38	304.00	228.00
1,219	60.00	45.00	616.00	462.00	40.00	30.00	410.40	307.80

Taken from 1/3" and 1/4" camera monitor systems with an approximate 10% overfill.

Zoom 7000E Field of View with Macro

W.D. (mm)	2/3" High Mag.		1/2" High Mag.		1/3" High Mag.		1/4" High Mag.	
	H	V	H	V	H	V	H	V
25	-	-	-	-	-	-	-	-
51	64	45	46.7	32.9	34.6	24.3	23.4	16.5
76	79	56	57.7	40.9	42.7	30.2	28.9	20.5
102	94	67	68.6	48.9	50.7	36.2	34.3	24.5
127	109	78	79.6	56.9	58.9	42.1	39.8	28.5
152	124	89	90.5	65.0	67.0	48.1	45.3	32.5
178	139	100	101.5	73.0	75.1	54.0	50.8	36.5
203	-	-	-	-	-	-	-	-

Taken from 2/3", 1/2", 1/3" and 1/4" camera monitor systems with an approximate 10% overfill. All dimensions are in mm.

Zoom 7000E Field of View without Macro

W.D. (mm)	2/3" High Mag.		2/3" Low Mag.		1/2" High Mag.		1/2" Low Mag.		1/3" High Mag.		1/3" Low Mag.		1/4" High Mag.		1/4" Low Mag.	
	H	V	H	V	H	V	H	V	H	V	H	V	H	V	H	V
Soft Focus to 914.4mm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
914	84	62	504	372	61.3	45.3	367.9	271.6	45.4	33.5	272.2	200.9	30.7	22.7	184.0	135.8
1,067	100	74	600	444	73	54	438	324.1	54	40	324	239.8	36.5	27.0	219.0	162.1
1,219	116	86	696	516	84.7	62.8	508.1	376.7	62.6	46.4	375.8	278.6	42.4	31.4	254.1	188.4
1,372	132	98	792	588	96.4	71.5	578.2	429.2	71.3	52.92	427.7	317.5	48.2	35.8	289.1	214.6
1,524	148	110	888	660	108	80.3	648	481.8	79.9	59.4	479.5	356.4	54.0	40.2	324.0	240.9
1,676	168	122	984	732	119.7	89.1	718.3	534.4	88.6	65.9	531.4	395.3	59.9	44.6	359.2	267.2
1,829	180	134	1080	804	131.4	97.8	788.4	586.9	97.2	72.4	583.2	434.2	65.7	48.9	394.2	293.5

Taken from 2/3", 1/2", 1/3" and 1/4" camera monitor systems with an approximate 10% overfill. All dimensions are in mm.