

Relative values of the zoom focal Length and the HFOV

November 18, 2013

Model No. :Y33Z23R

* +5V is input to +Vcc line of each potentiometer

* The range of accuracy is set to the $\pm 20\%$ in total

Detail: Approx. $\pm 5\%$ for the POT range of accuracy
 Approx. $\pm 5\%$ for the setting range of accuracy
 Approx. 10%~20% (as =1.05*1.1=1.155) for range of accuracy for both POT and setting combined

①The relative values of the Zoom Position and the HFOV ($\pm 20\%$)

No.	Pot Wiper Voltage (Wiper電圧)	Focal Length (焦点距離)	HFOV(°)画角: 1/2"	HFOV(°)画角: 1/3"
1	0.876	23.00	15.73	11.76
2	1.058	27.11	13.16	9.85
3	1.24	32.15	11.09	8.30
4	1.385	36.96	9.66	7.24
5	1.531	42.61	8.40	6.29
6	1.677	49.27	7.29	5.46
7	1.822	57.14	6.29	4.72
8	1.968	66.50	5.41	4.06
9	2.114	77.64	4.65	3.49
10	2.259	90.96	3.97	2.98
11	2.405	106.97	3.39	2.54
12	2.551	126.27	2.87	2.15
13	2.696	149.66	2.43	1.82
14	2.842	178.12	2.04	1.53
15	2.988	212.91	1.71	1.28
16	3.133	255.69	1.42	1.07
17	3.279	308.58	1.18	0.89
18	3.425	374.32	0.97	0.73
19	3.485	406.34	0.90	0.67
20	3.546	441.50	0.82	0.62
21	3.594	472.18	0.77	0.58
22	3.631	496.71	0.73	0.55
23	3.667	522.74	0.70	0.52
24	3.704	550.39	0.66	0.50
25	3.74	579.73	0.63	0.47
26	3.776	610.86	0.60	0.45
27	3.813	643.86	0.57	0.42
28	3.837	666.99	0.55	0.41
29	3.861	691.14	0.53	0.40
30	3.886	716.30	0.51	0.38
31	3.91	750.00	0.49	0.37