DM-18

Color detection

Typical **Mode : Color mode**

teach color		measured color																																			
		33N				43N				47N				54N				4N				8N				23N				77N				88N			
		100	75	50	25	100	75	50	25	100	75	50	25	100	75	50	25	100	75	50	25	100	75	50	25	100	75	50	25	100	75	50	25	100	75	50	25
33N	100		88	63	34	0	0	0	2	0	0	0	0	0	0	0	3	30	32	38	31	59	57	57	42	67	69	67	47	55	54	38	21	60	58	42	23
	75	90		74	44	1	0	2	12	0	0	0	0	0	0	1	12	32	33	40	41	60	58	58	54	58	66	69	56	56	57	47	32	61	60	54	32
	50	66	77		68	26	21	27	36	0	0	0	22	1	8	21	36	43	45	51	61	45	54	70	71	34	42	76	76	69	68	68	54	75	72	71	54
	25	37	46	70		40	51	55	66	0	0	10	50	22	38	52	66	51	60	65	75	15	25	54	85	4	12	47	88	59	74	84	84	55	67	86	84
43N	100	0	0	0	0		90	61	18	43	47	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	75	0	0	0	0	88		68	24	52	54	55	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50	0	0	0	0	67	74		77	0	4	48	68	16	31	47	0	0	0	0	0	0	0	0	0	0	0	0	0	14	33	0	0	22	26	51	0
	25	1	10	34	63	40	49	76		0	1	42	85	37	53	69	80	15	26	44	67	0	0	18	54	0	0	10	52	23	37	61	76	18	32	57	77
47N	100	0	0	0	0	47	51	56	28		88	60	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	75	0	0	0	0	51	55	57	40	85		75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50	0	0	0	0	0	0	34	70	66	79		0	39	56	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	6	30	0
	25	0	1	24	55	31	42	67	89	0	9	50		45	61	76	86	5	17	35	57	0	0	9	45	0	0	1	43	10	28	51	68	12	20	52	62
54N	100	0	0	0	0	0	0	0	14	36	42	41	34		83	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	12	0
	75	0	0	0	0	0	0	0	27	32	46	54	48	85		78	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	0	0	0	1	24	0
	50	0	0	0	9	0	0	1	42	28	41	62	69	62	79		78	0	11	38	66	0	0	0	38	0	0	0	20	0	22	45	54	0	3	35	52
	25	4	13	38	66	18	28	56	80	0	0	38	84	57	69	85		17	29	47	70	0	0	22	58	0	0	14	55	23	40	65	80	23	33	56	80
4N	100	30	32	43	51	1	0	10	17	0	0	0	4	0	0	5	17		87	69	47	64	72	72	60	53	60	62	62	74	74	52	35	68	70	57	35
	75	31	34	44	59	1	10	19	26	0	0	0	12	0	2	17	30	88		80	60	52	61	74	71	39	48	63	67	75	75	64	50	71	71	70	48
	50	38	40	51	65	6	17	36	44	0	0	0	29	7	16	33	47	70	82		76	34	46	74	80	24	33	67	75	76	82	80	64	75	78	79	65
	25	34	44	61	76	16	25	53	68	0	0	14	53	27	37	57	68	48	60	78		12	24	52	86	1	11	44	83	51	70	92	87	52	64	89	88
8N	100	58	61	43	14	0	0	0	0	0	0	0	0	0	0	0	0	62	51	32	12		86	58	23	87	88	66	25	59	40	15	1	60	47	22	1
	75	57	60	53	25	0	0	0	0	0	0	0	0	0	0	0	0	72	62	43	22	89		69	34	78	86	78	36	71	53	26	11	72	56	32	14
	50	57	60	69	54	10	4	12	21	0	0	0	5	0	0	6	22	72	74	74	51	60	70		63	47	57	88	68	96	80	56	42	91	85	61	41
	25	45	55	70	85	26	34	49	57	0	0	2	42	22	27	45	58	57	71	80	87	23	34	63		12	21	55	93	63	80	93	75	65	76	95	76
23N	100	64	56	31	3	0	0	0	0	0	0	0	0	0	0	0	0	54	41	22	1	87	76	47	12		90	56	15	46	30	4	0	54	35	10	0
	75	69	63	41	12	0	0	0	0	0	0	0	0	0	0	0	0	59	49	32	10	88	86	56	22	90		64	24	54	39	16	1	58	47	20	0
	50	67	71	76	45	2	0	3	13	0	0	0	0	0	0	0	14	61	63	65	42	68	78	89	55	56	67		69	86	72	47	31	91	82	52	33
	25	49	58	75	87	26	33	45	53	0	0	0	41	18	25	40	53	61	68	74	83	27	37	66	93	14	25	59		69	86	89	74	64	75	91	72
77N	100	0	0	0	0	1	1	11	19	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0		79	0	0	85	85	58	0
	75	0	0	0	0	15	16	31	0	0	0	0	27	1	9	26	0	0	0	0	0	0	0	0	0	0	0	0	0	81		0	0	90	94	74	0
	50	40	50	69	84	25	35	54	60	0	0	5	48	32	32	48	63	51	64	80	90	19	28	58	92	7	16	49	89	60	75		82	70	66	95	83
	25	25	34	57	85	23	35	62	78	0	0	20	63	42	50	64	80	38	48	66	88	3	12	42	76	0	0	34	74	44	60	84		52	50	80	97
88N	100	0	0	0	0	10	13	24	35	0	0	0	0	1	9	21	0	0	0	0	0	0	0	0	0	0	0	0	0	85	91	0	0		92	71	0
	75	0	0	0	0	11	8	21	32	0	0	0	0	0	5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	89	92	0	0	80		69	0
	50	0	0	0	0	25	32	48	0	0	0	0	0	24	30	44	0	0	0	0	0	0	0	0	0	0	0	0	0	70	85	0	0	87	77		0
	25	26	35	57	86	25	35	63	78	0	0	20	64	45	52	64	78	37	46	68	88	3	13	43	77	0	1	34	75	41	58	84	97	56	53	78	

2004.3.25

n < 80
80 <= n < 85
85 <= n < 90
90 <= n

"SP" value	hysteresis
H1	8
H2	6
L	4