

Mode		Value	Function
34CH	54CH		
1	1		Pan Movement 8bit:
		0-255	Pan Movement
2	2		Pan Fine 16bit
		0-255	Fine control of Pan movement
3	3		Tilt Movement 8bit:
		0-255	Tilt Movement
4	4		Tilt Fine 16bit
		0-255	Fine control of Tilt movement
5	5		Speed Pan/Tilt movement:
		0-255	max to min speed
6	6		Shutter,strobe
		0-10	Shutter closed
		11-21	Shutter open
		22-126	Strobe effect slow to fast
		127-137	Shutter open
		138-201	Pulse-effect in sequences
		202-212	Shutter open
		213-244	Random strobe effect slow to fast
7	7		Dimmer intensity:
		0-255	Intensity 0 to 100%
	8		Dimmer intensity Fine:
		0-255	Dimmer intensity fine
8	9		Zoom:
		0-255	Zoom adjustment from small to big
	10		Zoom Fine:
		0-255	Zoom adjustment Fine
9	11		Focus:
		0-255	Continuous adjustment from near to far
	12		Focus Fine:
		0-255	Continuous adjustment Fine
10	13		Auto Focus:
		0-45	Auto Focus Off
		46-87	3m
		88-129	5m
		130-171	7m
		172-213	10m
		214-255	15m
11	14		Auto Focus Fine:
		0-255	Continuous adjustment Fine
12	15		Color Wheel:
		0-15	Open
		16-22	Open/Color1
		23-29	Color1
		30-36	Color1/Color2
		37-43	Color2
		44-50	Color2/Color3
		51-57	Color3
		58-64	Color3/Color4
		65-71	Color4
		72-78	Color4/Color5
		79-85	Color5
		86-92	Color5/Color6
		93-99	Color6
		100-106	Color6/Color7
		107-113	Color7
		114-120	Color7/Open
		121-127	Open
	16		Color Wheel Fine:
		0-255	Color Wheel colour change to any position Fine
13	17		Cyan Color:
		0-255	Cyan (0-white,255-100% Cyan)
	18		Cyan Color Fine:
		0-255	Cyan Fine
14	19		Magenta Color:
		0-255	Magenta (0-white,255-100% Magenta)
	20		Magenta Color Fine:
		0-255	Magenta Fine
15	21		Yellow Color:
		0-255	Yellow (0-white,255-100% Yellow)
	22		Yellow Color Fine:
		0-255	Yellow Fine
16	23		CTO Color:

26	38	0-255	Blade 1 Rotation
	39		Blade 1B Fine:
		0-255	Blade 1 Rotation Fine
27	40		Blade 2A:
		0-255	Open to Close
	41		Blade 2A Fine:
		0-255	Open to Close
28	42		Blade 2B:
		0-255	Blade 2 Rotation
	43		Blade 2B Fine:
		0-255	Blade 2 Rotation Fine
29	44		Blade 3A:
		0-255	Open to Close
	45		Blade 3A Fine:
		0-255	Open to Close
30	46		Blade 3B:
		0-255	Blade 3 Rotation
	47		Blade 3B Fine:
		0-255	Blade 3 Rotation Fine
31	48		Blade 4A:
		0-255	Open to Close
	49		Blade 4A Fine:
		0-255	Open to Close
32	50		Blade 4B:
		0-255	Blade 4 Rotation
	51		Blade 4B Fine:
		0-255	Blade 4 Rotation Fine
33	52		All Blade Rotation:
		0-255	All Blade Rotation
	53		All Blade Rotation Fine:
		0-255	All Blade Rotation Fine
34	54		Reset, LCD, Fans
		0-9	unused
		10-19	Display Off
		20-29	Display On
		30-39	Display Invert Off
		40-49	Display Invert On
		50-59	Auto fan control mode
		60-69	High fan control mode
		70-79	Silent fan control mode
		80-89	Square Law
		90-99	Linear
		100-109	unused
		110-119	unused
		120-129	unused
		130-139	unused
		140-149	unused
		150-159	All motor reset
		160-169	Scan motor reset
		170-179	Colors motor reset
		180-189	Gobo motor reset
		190-199	Other motor reset
		200-255	unused

16	23	0-255	CTO (0-white,255-100% CTO)
	24		CTO Color Fine:
		0-255	CTO Fine
			Rotating gobos,cont.rotation 1:
		0-7	Open
		8-20	Rot.gobo1
		21-33	Rot.gobo2
		34-46	Rot.gobo3
		47-59	Rot.gobo4
		60-72	Rot.gobo5
		73-85	Rot.gobo6
		86-98	Rot.gobo7
17	25	99-111	Gobo 1 shake slow to fast
		112-124	Gobo 2 shake slow to fast
		125-137	Gobo 3 shake slow to fast
		138-150	Gobo 4 shake slow to fast
		151-163	Gobo 5 shake slow to fast
		164-176	Gobo 6 shake slow to fast
		177-189	Gobo 7 shake slow to fast
		190-221	Gobo wheel rotation forwards from fast to slow
		222-223	No rotation
		224-225	Gobo wheel rotation backwards from slow to fast
			Rotating gobo index,rotating gobo rotation 1:
18	26	0-127	Gobo indexing
		128-189	Forwards gobo rotation from fast to slow
		190-193	No rotation
		194-255	Backwards gobo rotation from slow to fast
	27		Rotating gobo indexing Fine 1:
		0-255	Fine indexing
			Fixed Gobo2:
		0-13	Open
		14-24	Gobo 1
		25-35	Gobo 2
		36-46	Gobo 3
		47-57	Gobo 4
		58-68	Gobo 5
		69-79	Gobo 6
		80-90	Gobo 7
		91-101	Gobo 8
19	28	102-112	Gobo 1 shake slow to fast
		113-123	Gobo 2 shake slow to fast
		124-134	Gobo 3 shake slow to fast
		135-145	Gobo 4 shake slow to fast
		146-156	Gobo 5 shake slow to fast
		157-167	Gobo 6 shake slow to fast
		168-178	Gobo 7 shake slow to fast
		179-189	Gobo 8 shake slow to fast
		190-221	Gobo wheel rotation forwards from fast to slow
		222-223	No rotation
		224-255	Gobo wheel rotation backwards from slow to fast
			Animation wheel:
		0-127	Animation indexing
20	29	128-158	Forwards rotation from fast to slow
		159-162	No rotation
		163-193	Backwards rotation from slow to fast
		194-255	Animation rotation from slow to fast
21	30		Iris:
		0-255	Max.diameter to Min.diameter
	31		Iris Fine:
		0-255	Iris Fine
			Prism:
22	32	0-127	Open
		128-255	Prism
			Rotating prism index,rotating prism rotation
		0-127	Prism indexing
23	33	128-189	Forwards prism rotation from fast to slow
		190-193	No rotation
		194-255	Backwards prism rotation from slow to fast
	34		Rotating prism indexing Fine:
		0-255	Fine indexing
			Frost:
24	35	0-127	Open
		128-255	Frost
25	36		Blade 1A:
		0-255	Open to Close
			Blade 1A Fine:
	37	0-255	Open to Close Fine
			Blade 1B:
26	38		