

i-6 White/Single Color



DMX protocol

Protocol rev. 1.00

Mode
1 Channel (Default Mode)

Valid from firmware version
1.11

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type
1	Intensity	0 255	0,0% 100,0%	0% → 100% Intensity		0 (0%)	Fade

Mode
3 Channel 16bit

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type
1 2	Intensity	0 65535	0,0% 100,0%	0% → 100% Intensity		0 (0%)	Fade
3	Dimming Curve	0 4	0,0% 1,6%	Smooth Gamma Corrected	See note ①	0 (0%)	Snap
		5 9	2,0% 3,5%	Smooth Linear			
		10 14	3,9% 5,5%	Halogen Gamma Corrected			
		15 19	5,9% 7,5%	Halogen Linear			
		20 24	7,8% 9,4%	Fast Response Gamma Corrected			
		25 29	9,8% 11,4%	Fast Response Linear			
		30 34	11,8% 13,3%	Extended Range - Smooth Gamma Corrected			
		35 39	13,7% 15,3%	Extended Range - Smooth Linear			
		40 44	15,7% 17,3%	Extended Range - Halogen Gamma Corrected			
		45 49	17,6% 19,2%	Extended Range - Halogen Linear			
		50 54	19,6% 21,2%	Extended Range - Fast Response Gamma Corrected			
		55 59	21,6% 23,1%	Extended Range - Fast Response Linear			
60 255	23,5% 100,0%	Reserved					

Mode
5 Channel Pixel

Channel	Name	DMX value	DMX percentage	Description	Info	Default DMX value	Fader type
1	Intensity (Pixel 1)	0 255	0,0% 100,0%	0% → 100% Intensity		0 (0%)	Fade
2	Intensity (Pixel 2)	0 255	0,0% 100,0%	0% → 100% Intensity		0 (0%)	Fade
3	Intensity (Pixel 3)	0 255	0,0% 100,0%	0% → 100% Intensity		0 (0%)	Fade
4	Intensity (Pixel 4)	0 255	0,0% 100,0%	0% → 100% Intensity		0 (0%)	Fade
5	Intensity (Pixel 5)	0 255	0,0% 100,0%	0% → 100% Intensity		0 (0%)	Fade

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Notes



- ① - Smooth Gamma Corrected is compatible with previous SGM products.
- Halogen creates an organic delay, similar to tungsten-lamp performance when filament is heated up.
- Extended Range creates a low-end dimming that ignores the SGM recommended minimum level to achieve a wider threshold.