

Chroma-Q 2inspire PoE DMX Layouts

DMX Parameter Definitions

Fixture Name	2inspire PoE 100, 200, 300		
	Matches firmware 1.0		
DMX Mode	Description	Number of DMX channels	
I	Single channel Intensity mode	8 bit	16 bit
IK	Intensity and CCT	1	2
IKT	Intensity, CCT, Tint	2	4
RGB	RGB (magic white)	3	6
IRGB	Intensiy, RGB (magic white)	3	6
IHS	Intensity, Hue(color) and Saturation (from white to color) (magic white)	4	8
IKTRGB	Intensity, CCT, Tint, RGB (tunable magic white)	3	6
IKTHS	Intensity, CCT, Tint, Hue, Saturation (tunable magic white)	6	12
		5	10

Default mode is IKTRGB 8 bit

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Revision	Date	Notes
1.0	17-01-2024	First draft

Chroma-Q 2inspire - Intensity

8 bit	Value	Function	Fade Status	Default Value
1		Intensity		
	0 - 255	Minimum → Maximum Intensity	Fade	0
2**		Control		
	0 - 255	* See Control channel table for details	Snap	0

16 bit	Value	Function	Fade Status	Default Value
1-2		Intensity		
	0 - 65536	Minimum → Maximum Intensity	Fade	0
3**		Control		
	0 - 255	* See Control channel table for details	Snap	0

Note:

** Control parameter is only present when Control mode is enabled in RDM settings

*** The final white or colored output is set in RDM with the follolwing settings
See the RDM Tab for more detail
Fixed Point CCT 0-255 (default 127) (4400K)
Fixed Point Tint 0-255 (default 127) (Neutral)
Fixed Point HUE 0-255 (default 0) (Color)
Fixed Point Saturation 0-255 (default 0) 0 is white points, 255 is full color saturation

Chroma-Q 2inspire - Intensity and Color temperature

8 bit	Value	Function	Fade Status	Default Value
1		Intensity		
	0 - 255	Minimum → Maximum Intensity	Fade	0
2		Kelvin (CCT)		
	0 - 255	Warm → Cold	Fade	127
	0	2400K		
	25	2800K		
	50	3200K		
	100	4000K		
	127	4400K (Neutral)		
	150	4800K		
	200	5600K		
	255	6500K		
3**		Extended Controls		
	0 - 255	* See Control channel table for details	Snap	0

16 bit	Value	Function	Fade Status	Default Value
1-2		Intensity		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
3-4		Kelvin (CCT)		
	0 - 65535	Warm → Cold	Fade	32767
	0	2400K		
	6400	2800K		
	12800	3200K		
	25600	4000K		
	32767	4400K (Neutral)		
	38400	4800K		
	51200	5600K		
	65535	6500K		
5**		Extended Controls		
	0 - 255	* See Control channel table for details	Snap	0

Note:

** Control parameter is only present when Control mode is enabled in RDM settings

*** The final white output is set in RDM with the follolwing settings
Fixed Point Tint 0-255 (default 127) (Neutral)

Chroma-Q 2inspire - Intensity, Color temperature and Tint

8 bit	Value	Function	Fade Status	Default Value
1		Intensity		
	0 - 255	Minimum → Maximum Intensity	Fade	0
2		Kelvin (CCT)		
	0 - 255	Warm → Cold	Fade	127
	0	2400K		
	25	2800K		
	50	3200K		
	100	4000K		
	127	4400K (Neutral)		
	150	4800K		
	200	5600K		
	255	6500K		
3		Tint (Plus minus green)		
	0	Minus Green	Fade	127
	127	Neutral		
	255	Plus Green		
4**		Extended Controls		
	0 - 255	* See Control channel table for details	Snap	0

16 bit	Value	Function	Fade Status	Default Value
1-2		Intensity		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
3-4		Kelvin (CCT)		
	0 - 65535	Warm → Cold	Fade	32767
	0	2400K		
	6400	2800K		
	12800	3200K		
	25600	4000K		
	32767	4400K (Neutral)		
	38400	4800K		
	51200	5600K		
	65535	6500K		
5-6		Tint (Plus minus green)		
	0	Minus Green	Fade	32767
	32767	Neutral		
	65535	Plus Green		
7**		Extended Controls		
	0 - 255	* See Control channel table for details	Snap	0

Note:
** Control parameter is only present when Control mode is enabled in RDM settings

Chroma-Q 2inspire - RGB Mode (magic white)

8 bit	Value	Function	Fade Status	Default Value
1		Red		
	0 - 255	Minimum → Maximum Intensity	Fade	0
2		Green		
	0 - 255	Minimum → Maximum Intensity	Fade	0
3		Blue		
	0 - 255	Minimum → Maximum Intensity	Fade	0
4**		Extended Controls		
	0 - 255	See Control channel table for details	Snap	0

16 bit	Value	Function	Fade Status	Default Value
1-2		Red		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
3-4		Green		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
5-6		Blue		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
7**		Extended Controls		
	0 - 255	See Control channel table for details	Snap	0

Note:
** Control parameter is only present when Control mode is enabled in RDM settings

*** When red, green and blue are greater than 0, the warm and cold white are gradually added to the mix
The white point when R,G,B are all at 255 can be set in RDM with the follolwing settings
Fixed Point CCT 0-255 (default 127) (4400K)
Fixed Point Tint 0-255 (default 127) (Neutral)

The 2inspire utilizes the latest Chroma-Q Gen3 Color Engine software. In this new engine, color control is fully abstracted from the direct control of the LEDs.
This means that the Red, Green, and Blue controls do not directly control the corresponding LEDs but rather adjust the position of the color point through the entire color space that the fixture can cover. The 2inspire algorithm has been designed to always provide the best possible combination of all five LED sources: Red, Green, Blue, Warm White, and Cold White.
This approach ensures that both optimal color and white points are easily achievable by simply using Red, Green, and Blue controls.

Chroma-Q 2inspire - RGB Mode (magic white)

8 bit	Value	Function	Fade Status	Default Value
1		Intensity		
	0 - 255	Minimum → Maximum Intensity	Fade	0
2		Red		
	0 - 255	Minimum → Maximum Intensity	Fade	0
3		Green		
	0 - 255	Minimum → Maximum Intensity	Fade	0
4		Blue		
	0 - 255	Minimum → Maximum Intensity	Fade	0
5**		Extended Controls		
	0 - 255	See Control channel table for details	Snap	0

16 bit	Value	Function	Fade Status	Default Value
1-2		Intensity		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
3-4		Red		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
5-6		Green		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
7-8		Blue		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
9**		Extended Controls		
	0 - 255	See Control channel table for details	Snap	0

Note:
** Control parameter is only present when Control mode is enabled in RDM settings

*** When red, green and blue are greater than 0, the warm and cold white are gradually added to the mix
The white point when R,G,B are all at 255 can be set in RDM with the follolwing settings
Fixed Point CCT 0-255 (default 127) (4400K)
Fixed Point Tint 0-255 (default 127) (Neutral)

The 2inspire utilizes the latest Chroma-Q Gen3 Color Engine software. In this new engine, color control is fully abstracted from the direct control of the LEDs.
This means that the Red, Green, and Blue controls do not directly control the corresponding LEDs but rather adjust the position of the color point through the entire color space that the fixture can cover. The 2inspire algorithm has been designed to always provide the best possible combination of all five LED sources: Red, Green, Blue, Warm White, and Cold White.
This approach ensures that both optimal color and white points are easily achievable by simply using Red, Green, and Blue controls.

Chroma-Q 2inspire - iHS Mode

8 bit	Value	Function	Fade Status	Default Value
1		Intensity		
	0 - 255	Minimum → Maximum Intensity	Fade	0
2		Hue*		
	0 - 255	Color Spectrum 0 → 360, Red → Red	Fade	0
3		Saturation		
	0 - 255	Desaturated → Saturated	Fade	0
4**		Extended Controls		
	0 - 255	See Control channel table for details	Snap	0

16 bit	Value	Function	Fade Status	Default Value
1-2		Intensity		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
3-4		Hue*		
	0 - 65535	Color Spectrum 0 → 360, Red → Red	Fade	0
5-6		Saturation		
	0 - 65535	Desaturated → Saturated	Fade	0
7**		Extended Controls		
	0 - 255	See Control channel table for details	Snap	0

Note:

** Control parameter is only present when Control mode is enabled in RDM settings

*** The white output when saturation is at 0 is set in RDM with the follolwing settings

Fixed Point CCT 0-255 (default 127) (4400K)

Fixed Point Tint 0-255 (default 127) (Neutral)

Chroma-Q 2inspire - iKT-RGB (Tunable Magic white)

8 bit	Value	Function	Fade Status	Default Value
1		Intensity		
	0 - 255	Minimum → Maximum Intensity	Fade	0
2		Kelvin (CCT)		
	0 - 255	Warm → Cold	Fade	127
	0	2400K		
	25	2800K		
	50	3200K		
	100	4000K		
	127	4400K (Neutral)		
	150	4800K		
	200	5600K		
	255	6500K		
3		Tint (Plus minus green)		
	0	Minus Green	Fade	127
	127	Neutral		
	255	Plus Green		
4		Red		
	0 - 255	Minimum → Maximum Intensity	Fade	0
5		Green		
	0 - 255	Minimum → Maximum Intensity	Fade	0
6		Blue		
	0 - 255	Minimum → Maximum Intensity	Fade	0
7**		Extended Controls		
	0 - 255	* See Control channel table for details	Snap	0

16 bit	Value	Function	Fade Status	Default Value
1-2		Intensity		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
3-4		Kelvin (CCT)		
	0 - 65535	Warm → Cold	Fade	32767
	0	2400K		
	6400	2800K		
	12800	3200K		
	25600	4000K		
	32767	4400K (Neutral)		
	38400	4800K		
	51200	5600K		
	65535	6500K		
5-6		Tint (Plus minus green)		
	0	Minus Green	Fade	32767
	32767	Neutral		
	65535	Plus Green		
7-8		Red		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
9-10		Green		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
11-12		Blue		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
13**		Extended Controls		
	0 - 255	* See Control channel table for details	Snap	0

Note:
** Control parameter is only present when Control mode is enabled in RDM settings

The 2inspire utilizes the latest Chroma-Q Gen3 Color Engine software. In this new engine, color control is fully abstracted from the direct control of the LEDs. This means that the Red, Green, and Blue controls do not directly control the corresponding LEDs but rather adjust the position of the color point through the entire color space that the fixture can cover. The 2inspire algorithm has been designed to always provide the best possible combination of all five LED sources: Red, Green, Blue, Warm White, and Cold White. This approach ensures that both optimal color and white points are easily achievable by simply using Red, Green, and Blue controls.

Chroma-Q 2inspire - iKT-HS (Tunable Magic white)

8 bit	Value	Function	Fade Status	Default Value
1		Intensity		
	0 - 255	Minimum → Maximum Intensity	Fade	0
2		Kelvin (CCT)		
	0 - 255	Warm → Cold	Fade	127
	0	2400K		
	25	2800K		
	50	3200K		
	100	4000K		
	127	4400K (Neutral)		
	150	4800K		
	200	5600K		
	255	6500K		
3		Tint (Plus minus green)		
	0	Minus Green	Fade	127
	127	Neutral		
	255	Plus Green		
4		Hue*		
	0 - 255	Color Spectrum 0 → 360, Red → Red	Fade	0
5		Saturation		
	0 - 255	Desaturated → Saturated	Fade	0
6**		Extended Controls		
	0 - 255	* See Control channel table for details	Snap	0

16 bit	Value	Function	Fade Status	Default Value
1-2		Intensity		
	0 - 65535	Minimum → Maximum Intensity	Fade	0
3-4		Kelvin (CCT)		
	0 - 65535	Warm → Cold	Fade	32767
	0	2400K		
	6400	2800K		
	12800	3200K		
	25600	4000K		
	32767	4400K (Neutral)		
	38400	4800K		
	51200	5600K		
	65535	6500K		
5-6		Tint (Plus minus green)		
	0	Minus Green	Fade	32767
	32767	Neutral		
	65535	Plus Green		
7-8		Hue*		
	0 - 65535	Color Spectrum 0 → 360, Red → Red	Fade	0
9-10		Saturation		
	0 - 65535	Desaturated → Saturated	Fade	0
11**		Extended Controls		
	0 - 255	* See Control channel table for details	Snap	0

Note:

** Control parameter is only present when Control mode is enabled in RDM settings

Chroma-Q 2inspire 100/200/300 **(CTRL) Control channel

Function name	Activation delay ms	Default	Range start	Range end	Description
Control channel					Values must be held for X sec before its function is activated
No Function			0	2	
Dimmer Curve					
Dimmer curve Linear	2000		3	3	Linear
Dimmer curve Square Law	2000	X	4	4	This curve give more resolution in the 0-20% and accelerate after
Dimmer curve Inv Square Law	2000		5	5	Faster ramp up
Dimmer curve S-curve	2000		6	6	This curve give more resolution in the 0-20% and 80%-100%
No Function			7	10	
DMX Smoothing					
DMX Smoothing Off	1000		11	12	No DMX interpolations perform, very dynamic reaction for pixel mapping
DMX Smoothing Normal	1000	X	13	14	Insure that fade are nice and even
No Function			15	16	
CCT and Tint control effect					
CCT, Tint on Saturated color - Disabled	1000		17	18	When Disabled, the CCT and Tint control channel or fix point will not influence on fully saturated color
CCT, Tint on Saturated color - Enabled	1000	X	19	20	When Enabled, the CCT and Tint control channel or fix point will influence fully saturated color
No Function			21	70	
PWM Frequency					
PWM 1500	2000		71	72	Set PMW rate at 1500hz, internal dimming resolution is 16 bit
PWM 3000	2000		73	74	Set PMW rate at 3000hz, internal dimming resolution is 15 bit
PWM 6000	2000	X	75	76	Set PMW rate at 6000hz, internal dimming resolution is 14 bit
PWM 12000	2000		77	78	Set PMW rate at 12,000hz, internal dimming resolution is 13 bit
PWM 24000	2000		79	80	Set PMW rate at 24,000hz, internal dimming resolution is 12 bit
PWM 48000	2000		81	82	Set PMW rate at 48,000hz, internal dimming resolution is 11 bit
PWM 96000	2000		83	84	Set PMW rate at 96,000hz, internal dimming resolution is 10 bit
PWM 192000	2000		85	86	Set PMW rate at 192,000hz, internal dimming resolution is 9 bit
No Function			93	150	
DMX Lost					
DMX Lost default Fixture stay to the last state	2000	X	151	152	
DMX Lost default Fixture goes black (after delay)	2000		153	154	Default delay is 5 seconds
Default	2000		155	156	Default delay is 5 seconds
DMX Lost default fixture to save failsafe scene (after delay)	2000		157	158	Default delay is 5 seconds
No Function			159	235	
Store Failsafe scene	2000		236	237	Set the desire look using the paramaters, Then on CTRL channel, Select this option, then leave on this value for 3 second
No Function			238	239	
Reset	5000		240	242	Force a fixture reboot
No Function			243	243	
Default					
Save as User Defaults (1)	5000		244	245	Take the current settings and make it the new default (except DMX address and DMX mode)
No Function			250	255	This range will never have functions for safety reason

Chroma-Q 2Inspire 100/200/300 CCT control
for IK, IKT, IKTRGB, IKTHS modes

DMX 8bit	16 bit	Kelvin	DMX 8bit	16 bit	Kelvin	DMX 8bit	16 bit	Kelvin	DMX 8bit	16 bit	Kelvin
0	0	2400	64	16384	3429	128	32768	4458	192	49152	5487
1	256	2416	65	16640	3445	129	33024	4474	193	49408	5503
2	512	2432	66	16896	3461	130	33280	4490	194	49664	5519
3	768	2448	67	17152	3477	131	33536	4506	195	49920	5535
4	1024	2464	68	17408	3493	132	33792	4522	196	50176	5551
5	1280	2480	69	17664	3509	133	34048	4538	197	50432	5567
6	1536	2496	70	17920	3525	134	34304	4555	198	50688	5584
7	1792	2513	71	18176	3542	135	34560	4571	199	50944	5600
8	2048	2529	72	18432	3558	136	34816	4587	200	51200	5616
9	2304	2545	73	18688	3574	137	35072	4603	201	51456	5632
10	2560	2561	74	18944	3590	138	35328	4619	202	51712	5648
11	2816	2577	75	19200	3606	139	35584	4635	203	51968	5664
12	3072	2593	76	19456	3622	140	35840	4651	204	52224	5680
13	3328	2609	77	19712	3638	141	36096	4667	205	52480	5696
14	3584	2625	78	19968	3654	142	36352	4683	206	52736	5712
15	3840	2641	79	20224	3670	143	36608	4699	207	52992	5728
16	4096	2657	80	20480	3686	144	36864	4715	208	53248	5744
17	4352	2673	81	20736	3702	145	37120	4731	209	53504	5760
18	4608	2689	82	20992	3718	146	37376	4747	210	53760	5776
19	4864	2705	83	21248	3735	147	37632	4764	211	54016	5793
20	5120	2722	84	21504	3751	148	37888	4780	212	54272	5809
21	5376	2738	85	21760	3767	149	38144	4796	213	54528	5825
22	5632	2754	86	22016	3783	150	38400	4812	214	54784	5841
23	5888	2770	87	22272	3799	151	38656	4828	215	55040	5857
24	6144	2786	88	22528	3815	152	38912	4844	216	55296	5873
25	6400	2802	89	22784	3831	153	39168	4860	217	55552	5889
26	6656	2818	90	23040	3847	154	39424	4876	218	55808	5905
27	6912	2834	91	23296	3863	155	39680	4892	219	56064	5921
28	7168	2850	92	23552	3879	156	39936	4908	220	56320	5937
29	7424	2866	93	23808	3895	157	40192	4924	221	56576	5953
30	7680	2882	94	24064	3911	158	40448	4940	222	56832	5969
31	7936	2898	95	24320	3927	159	40704	4956	223	57088	5985
32	8192	2915	96	24576	3944	160	40960	4973	224	57344	6002
33	8448	2931	97	24832	3960	161	41216	4989	225	57600	6018
34	8704	2947	98	25088	3976	162	41472	5005	226	57856	6034
35	8960	2963	99	25344	3992	163	41728	5021	227	58112	6050
36	9216	2979	100	25600	4008	164	41984	5037	228	58368	6066
37	9472	2995	101	25856	4024	165	42240	5053	229	58624	6082
38	9728	3011	102	26112	4040	166	42496	5069	230	58880	6098
39	9984	3027	103	26368	4056	167	42752	5085	231	59136	6114
40	10240	3043	104	26624	4072	168	43008	5101	232	59392	6130
41	10496	3059	105	26880	4088	169	43264	5117	233	59648	6146
42	10752	3075	106	27136	4104	170	43520	5133	234	59904	6162
43	11008	3091	107	27392	4120	171	43776	5149	235	60160	6178
44	11264	3107	108	27648	4136	172	44032	5165	236	60416	6195
45	11520	3124	109	27904	4153	173	44288	5182	237	60672	6211
46	11776	3140	110	28160	4169	174	44544	5198	238	60928	6227
47	12032	3156	111	28416	4185	175	44800	5214	239	61184	6243
48	12288	3172	112	28672	4201	176	45056	5230	240	61440	6259
49	12544	3188	113	28928	4217	177	45312	5246	241	61696	6275
50	12800	3204	114	29184	4233	178	45568	5262	242	61952	6291
51	13056	3220	115	29440	4249	179	45824	5278	243	62208	6307
52	13312	3236	116	29696	4265	180	46080	5294	244	62464	6323
53	13568	3252	117	29952	4281	181	46336	5310	245	62720	6339
54	13824	3268	118	30208	4297	182	46592	5326	246	62976	6355
55	14080	3284	119	30464	4313	183	46848	5342	247	63232	6371
56	14336	3300	120	30720	4329	184	47104	5358	248	63488	6387
57	14592	3316	121	30976	4345	185	47360	5375	249	63744	6404
58	14848	3333	122	31232	4362	186	47616	5391	250	64000	6420
59	15104	3349	123	31488	4378	187	47872	5407	251	64256	6436
60	15360	3365	124	31744	4394	188	48128	5423	252	64512	6452
61	15616	3381	125	32000	4410	189	48384	5439	253	64768	6468
62	15872	3397	126	32256	4426	190	48640	5455	254	65024	6484
63	16128	3413	127	32512	4442	191	48896	5471	255	65280	6500

Chroma-Q 2inspire 100, 200, 300 - RDM settings

Supported RDM parameters:	Definitons
DEVICE_INFO	
IDENTIFY_DEVICE	
DMX_START_ADDRESS	
SOFTWARE_VERSION_LABEL	
DEVICE_LABEL	
SENSOR_DEFINITION	
PARAMETER_DESCRIPTION	
DMX_PERSONALITY	
DMX_PERSONALITY_DESCRIPTION	
DEVICE_MODEL_DESCRIPTION	2Inspire 100 or 200 or 300
Failsafe	Hold Last Scene, Hold to zero, To Full and Playscene
MANUFACTURER_LABEL	Chroma-Q
DEVICE_LABEL	
SENSOR_DEFINITION	
SENSOR_VALUE	
RESET_DEVICE	
IP Address	
MAC Address	
UID	
Software version	
Start address	
Identify device: Off	
Footprint	X
Personality: X of 17	
	description 1: i [Footprint 1]
	descripbon 2: iK [Footprint 2]
	descripbon 3: iKT[Footprint 3]
	descripbon 4: RGB [Footprint 3]
	descripbon 5: IRGB [Footprint 4]
	descripbon 6: IHS [Footprint 3]
	Default descripbon 7: IKT-RGB [Footprint 6]
	descripbon 8: IKT-HS [Footprint 5]
	descripbon 10: I_16bit [Footprint 2]
	descripbon 11: IK_16bit [Footprint 4]
	descripbon 12: IKT_16bit [Footprint 6]
	descripbon 13: RGB_16bit [Footprint 6]
	descripbon 14: IRGB_16bit [Footprint 8]
	descripbon 15: IHS_16bit [Footprint 6]
	descripbon 16: IKTRGB_16bit [Footprint 12]
	descripbon 17: IKTHS_16bit [Footprint 10]

Chroma-Q 2inspire 100, 200, 300 - RDM settings

Supported RDM parameters:	Definitons
Device model descripbon: inspire	
Manufacturer label: Chroma-Q	
Engine Frequency	0 to 7 (0=1500, 1=3000, 2=6000, 3=12000, 4=24000, 5=48000, 6=96000, 7=192000 hz)
Reboot device	
Device hours	
Control Channel	0=Off, 1=Enabled
Smoothing	0=Off, 1=Normal
Fixed Point CCT	0-255 (default 200)
Fixed Point Tint	0-255 (default 127)
Fixed Point HUE	0-255 (default 0)
Fixed Point Saturation	0-255 (default 0)
Dimmer Curve	0=Linear, 1=Sqr Law ,2=Inv Sqr Law, 3=S Curve (default=1)
Load Defaults settings	0 = factory, 1= User
Store User Default Settings	1= User 1
Ethernet LED	0 Default On, 1= Stay on for 60 sec then turn off
Sensors: 7	
Sensor 1: Engine Temp. = 28 Degrees Centigrade	
	Valid range: 0 to 100 Degrees Centigrade
	Normal operation range: 0 to 85 Degrees Centigrade
Sensor 2: Output De-Rating % = 100	
	Valid range: 0 to 100
	Normal operation range: 0 to 100
Sensor 3: POE Voltage. = 56 Volts DC	
	Valid range: 0 to 83 Volts DC
	Normal operation range: 45 to 60 Volts DC
Sensor 4: I FD Voltage. = 10 Volts DC	
	Valid range: 0 to 83 Volts DC
	Normal operation range: 10 to 11 Volts DC
Sensor 5: POE Current. = 41 milliAmps DC	
	Valid range: 0 to 1215 milliAmps DC
	Normal operation range: 0 to 600 milliAmps DC
Sensor 6: Processor Temp. = 36 Degrees Centigrade	
	Valid range: 0 to 100 Degrees Centigrade
	Normal operation range: 0 to 85 Degrees Centigrade
Sensor 7: Relative Humidity = 26	
	Valid range: 0 to 100
	Normal operation range: 0 to 100