

# exalux

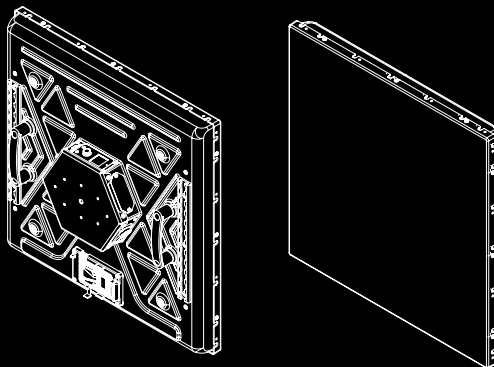
# EXATILE



## DMX MODES

Revision : April 2, 2023

Firmware release : 1.6



## PANEL MODES

CCT + G/M			
DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Intensity	000 > 255	0 > 100%
2	CCT	000 > 255	2000K > 10 000K
3	Green / Magenta	000	Off
		001 > 127	100 Magenta > 1 Magenta
		128	Neutral
		129 > 255	1 Green > 100 green
CCT + G/M + STROBE			
DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Intensity	000 > 255	0 > 100%
2	CCT	000 > 255	2000K > 10 000K
3	Green / Magenta	000	Off
		001 > 127	100 Magenta > 1 Magenta
		128	Neutral
		129 > 255	1 Green > 100 green
4	Strobe	000 > 019	Off
		020 > 255	Slow > fast, 1 Hz > 25Hz, 1Hz in 10 value steps
HSI			
DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Intensity	000 > 255	0 > 100%
2	Hue	000 > 255	0° > 359°
3	Saturation	000 > 255	0 > 100%
HSI + STROBE			
DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Intensity	000 > 255	0 > 100%
2	Hue	000 > 255	0° > 359°
3	Saturation	000 > 255	0 > 100%
4	Strobe	000 > 019	Off
		020 > 255	Slow > fast, 1 Hz > 25Hz, 1Hz in 10 value steps

RGB			
DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Red	000 > 255	0 > 100%
2	Green	000 > 255	0 > 100%
3	Blue	000 > 255	0 > 100%

RGB + STROBE			
DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Red	000 > 255	0 > 100%
2	Green	000 > 255	0 > 100%
3	Blue	000 > 255	0 > 100%
4	Strobe	000 > 019	Off
		020> 255	Slow > fast, 1 Hz > 25Hz, 1Hz in 10 value steps

RGBW			
DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Red	000 > 255	0 > 100%
2	Green	000 > 255	0 > 100%
3	Blue	000 > 255	0 > 100%
4	White	000 > 255	0 > 100%

RGBW + STROBE			
DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Red	000 > 255	0 > 100%
2	Green	000 > 255	0 > 100%
3	Blue	000 > 255	0 > 100%
4	White	000 > 255	0 > 100%
5	Strobe	000 > 019	Off
		020> 255	Slow > fast, 1 Hz > 25Hz, 1Hz in 10 value steps

DIM + RGB			
DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Intensity	000 > 255	0 > 100%
2	Red	000 > 255	0 > 100%
3	Green	000 > 255	0 > 100%
4	Blue	000 > 255	0 > 100%

DIM + RGB + STROBE			
DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Intensity	000 > 255	0 > 100%
2	Red	000 > 255	0 > 100%
3	Green	000 > 255	0 > 100%
4	Blue	000 > 255	0 > 100%
5	Strobe	000 > 019	Off
		020> 255	Slow > fast, 1 Hz > 25Hz, 1Hz in 10 value steps

**x,y COORDINATES**

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Intensity	000 > 255	0 > 100%
2	x Coordinate	000 > 255	0 > 0.7x
3	y Coordinate	000 > 255	0 > 0.7y

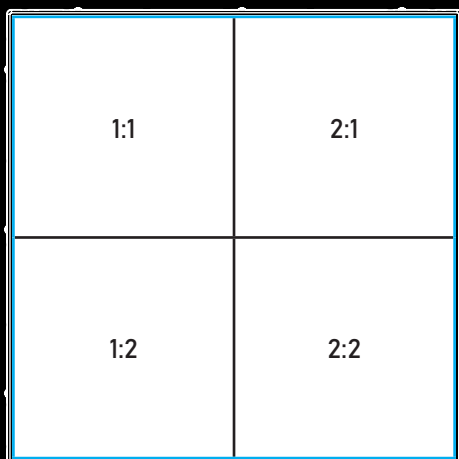
**x,y COORDINATES + STROBE**

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Intensity	000 > 255	0 > 100%
2	x Coordinate	000 > 255	0 > 0.7x
3	y Coordinate	000 > 255	0 > 0.7y
4	Strobe	000 > 019	Off
		020 > 255	Slow > fast, 1 Hz > 25Hz, 1Hz in 10 value steps

**x,y COORDINATES + STROBE**

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT
1	Intensity	000 > 255	0 > 100%
2	x Coordinate	000 > 255	0 > 0.7x
3	y Coordinate	000 > 255	0 > 0.7y
4	Strobe	000 > 019	Off
		020 > 255	Slow > fast, 1 Hz > 25Hz, 1Hz in 10 value steps

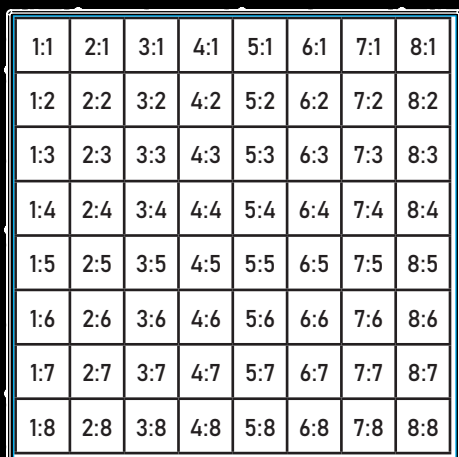
# PIXEL MODES



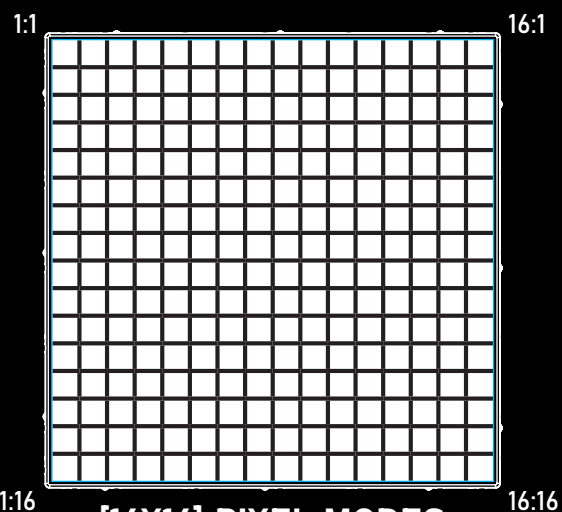
**[2X2] PIXEL MODES**  
16 CH MAX



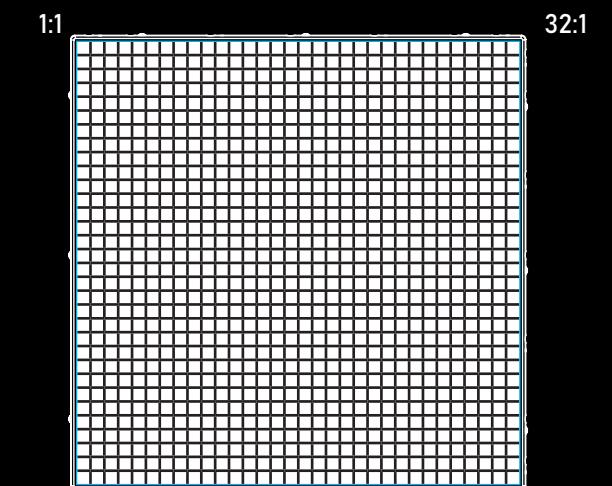
**[4X4] PIXEL MODES**  
64 CH MAX



**[8X8] PIXEL MODES**  
256 CH MAX



**[16X16] PIXEL MODES**  
1024 CH MAX



**[32X32] PIXEL MODES**  
3072 CH MAX

## [2X2] PIXEL MODES

### CCT + G/M - PIXEL MODE -2X2

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	Intensity	000 > 255	0 > 100%	P[1:1]
2	CCT	000 > 255	2000K > 10 000K	P[1:1]
3	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[1:1]
4	Intensity	000 > 255	0 > 100%	P[2:1]
5	CCT	000 > 255	2000K > 10 000K	P[2:1]
6	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[2:1]
7	Intensity	000 > 255	0 > 100%	P[1:2]
8	CCT	000 > 255	2000K > 10 000K	P[1:2]
9	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[1:2]
10	Intensity	000 > 255	0 > 100%	P[2:2]
11	CCT	000 > 255	2000K > 10 000K	P[2:2]
12	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[2:2]

### HSI - PIXEL MODE -2X2

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	Intensity	000 > 255	0 > 100%	P[1:1]
2	Hue	000 > 255	0° > 359°	P[1:1]
3	Saturation	000 > 255	0 > 100%	P[1:1]
4	Intensity	000 > 255	0 > 100%	P[2:1]
5	Hue	000 > 255	0° > 359°	P[2:1]
6	Saturation	000 > 255	0 > 100%	P[2:1]
7	Intensity	000 > 255	0 > 100%	P[1:2]
8	Hue	000 > 255	0° > 359°	P[1:2]
9	Saturation	000 > 255	0 > 100%	P[1:2]
10	Intensity	000 > 255	0 > 100%	P[2:2]
11	Hue	000 > 255	0° > 359°	P[2:2]
12	Saturation	000 > 255	0 > 100%	P[2:2]

### RGB - PIXEL MODE -2X2

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	Red	000 > 255	0 > 100%	P[1:1]
2	Green	000 > 255	0 > 100%	P[1:1]
3	Blue	000 > 255	0 > 100%	P[1:1]
4	Red	000 > 255	0 > 100%	P[2:1]
5	Green	000 > 255	0 > 100%	P[2:1]
6	Blue	000 > 255	0 > 100%	P[2:1]
7	Red	000 > 255	0 > 100%	P[1:2]
8	Green	000 > 255	0 > 100%	P[1:2]
9	Blue	000 > 255	0 > 100%	P[1:2]
10	Red	000 > 255	0 > 100%	P[2:2]
11	Green	000 > 255	0 > 100%	P[2:2]
12	Blue	000 > 255	0 > 100%	P[2:2]

**DIM + RGB - PIXEL MODE -2X2**

<b>DMX CHANNEL</b>	<b>FUNCTION</b>	<b>DMX VALUE</b>	<b>OUTPUT</b>	<b>PIXEL (X,Y)</b>
1	Intensity	000 > 255	0 > 100%	P[1:1]
2	Red	000 > 255	0 > 100%	P[1:1]
3	Green	000 > 255	0 > 100%	P[1:1]
4	Blue	000 > 255	0 > 100%	P[1:1]
5	Intensity	000 > 255	0 > 100%	P[2:1]
6	Red	000 > 255	0 > 100%	P[2:1]
7	Green	000 > 255	0 > 100%	P[2:1]
8	Blue	000 > 255	0 > 100%	P[2:1]
9	Intensity	000 > 255	0 > 100%	P[1:1]
10	Red	000 > 255	0 > 100%	P[1:2]
11	Green	000 > 255	0 > 100%	P[1:2]
12	Blue	000 > 255	0 > 100%	P[1:2]
13	Intensity	000 > 255	0 > 100%	P[1:1]
14	Red	000 > 255	0 > 100%	P[2:2]
15	Green	000 > 255	0 > 100%	P[2:2]
16	Blue	000 > 255	0 > 100%	P[2:2]

**RGBW - PIXEL MODE -2X2**

<b>DMX CHANNEL</b>	<b>FUNCTION</b>	<b>DMX VALUE</b>	<b>OUTPUT</b>	<b>PIXEL (X,Y)</b>
1	Red	000 > 255	0 > 100%	P[1:1]
2	Green	000 > 255	0 > 100%	P[1:1]
3	Blue	000 > 255	0 > 100%	P[1:1]
4	White	000 > 255	0 > 100%	P[1:1]
5	Red	000 > 255	0 > 100%	P[2:1]
6	Green	000 > 255	0 > 100%	P[2:1]
7	Blue	000 > 255	0 > 100%	P[2:1]
8	White	000 > 255	0 > 100%	P[2:1]
9	Red	000 > 255	0 > 100%	P[1:2]
10	Green	000 > 255	0 > 100%	P[1:2]
11	Blue	000 > 255	0 > 100%	P[1:2]
12	White	000 > 255	0 > 100%	P[1:2]
9	Red	000 > 255	0 > 100%	P[2:2]
10	Green	000 > 255	0 > 100%	P[2:2]
11	Blue	000 > 255	0 > 100%	P[2:2]
12	White	000 > 255	0 > 100%	P[2:2]

# [4X4] PIXEL MODES

## CCT + G/M - PIXEL MODE -4X4

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	Intensity	000 > 255	0 > 100%	P[1:1]
2	CCT	000 > 255	2000K > 10 000K	P[1:1]
3	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[1:1]
4	Intensity	000 > 255	0 > 100%	P[2:1]
5	CCT	000 > 255	2000K > 10 000K	P[2:1]
6	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[2:1]
7	Intensity	000 > 255	0 > 100%	P[3:1]
8	CCT	000 > 255	2000K > 10 000K	P[3:1]
9	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[3:1]
10	Intensity	000 > 255	0 > 100%	P[4:1]
11	CCT	000 > 255	2000K > 10 000K	P[4:1]
12	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[4:1]
13	Intensity	000 > 255	0 > 100%	P[1:2]
14	CCT	000 > 255	2000K > 10 000K	P[1:2]
15	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[1:2]
16	Intensity	000 > 255	0 > 100%	P[2:2]
17	CCT	000 > 255	2000K > 10 000K	P[2:2]
18	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[2:2]
19	Intensity	000 > 255	0 > 100%	P[3:2]
20	CCT	000 > 255	2000K > 10 000K	P[3:2]
21	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[3:2]
22	Intensity	000 > 255	0 > 100%	P[4:2]
23	CCT	000 > 255	2000K > 10 000K	P[4:2]
24	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[4:2]
25	Intensity	000 > 255	0 > 100%	P[1:3]
26	CCT	000 > 255	2000K > 10 000K	P[1:3]
27	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[1:3]
28	Intensity	000 > 255	0 > 100%	P[2:3]
29	CCT	000 > 255	2000K > 10 000K	P[2:3]
30	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[2:3]
31	Intensity	000 > 255	0 > 100%	P[3:3]
32	CCT	000 > 255	2000K > 10 000K	P[3:3]
33	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[3:3]
34	Intensity	000 > 255	0 > 100%	P[4:3]
35	CCT	000 > 255	2000K > 10 000K	P[4:3]
36	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[4:3]
37	Intensity	000 > 255	0 > 100%	P[1:4]
38	CCT	000 > 255	2000K > 10 000K	P[1:4]
39	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[1:4]
40	Intensity	000 > 255	0 > 100%	P[2:4]
41	CCT	000 > 255	2000K > 10 000K	P[2:4]
42	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[2:4]
43	Intensity	000 > 255	0 > 100%	P[3:4]
44	CCT	000 > 255	2000K > 10 000K	P[3:4]
45	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[3:4]
46	Intensity	000 > 255	0 > 100%	P[4:4]
47	CCT	000 > 255	2000K > 10 000K	P[4:4]
48	Green / Magenta	000 > 255	Refer to CCT mode fo details	P[4:4]

**HSI - PIXEL MODE - 4X4**

<b>DMX CHANNEL</b>	<b>FUNCTION</b>	<b>DMX VALUE</b>	<b>OUTPUT</b>	<b>PIXEL (X,Y)</b>
1	Intensity	000 > 255	0 > 100%	P[1:1]
2	Hue	000 > 255	0° > 359°	P[1:1]
3	Saturation	000 > 255	0 > 100%	P[1:1]
4	Intensity	000 > 255	0 > 100%	P[2:1]
5	Hue	000 > 255	0° > 359°	P[2:1]
6	Saturation	000 > 255	0 > 100%	P[2:1]
7	Intensity	000 > 255	0 > 100%	P[3:1]
8	Hue	000 > 255	0° > 359°	P[3:1]
9	Saturation	000 > 255	0 > 100%	P[3:1]
10	Intensity	000 > 255	0 > 100%	P[4:1]
11	Hue	000 > 255	0° > 359°	P[4:1]
12	Saturation	000 > 255	0 > 100%	P[4:1]
13	Intensity	000 > 255	0 > 100%	P[1:2]
14	Hue	000 > 255	0° > 359°	P[1:2]
15	Saturation	000 > 255	0 > 100%	P[1:2]
16	Intensity	000 > 255	0 > 100%	P[2:2]
17	Hue	000 > 255	0° > 359°	P[2:2]
18	Saturation	000 > 255	0 > 100%	P[2:2]
19	Intensity	000 > 255	0 > 100%	P[3:2]
20	Hue	000 > 255	0° > 359°	P[3:2]
21	Saturation	000 > 255	0 > 100%	P[3:2]
22	Intensity	000 > 255	0 > 100%	P[4:2]
23	Hue	000 > 255	0° > 359°	P[4:2]
24	Saturation	000 > 255	0 > 100%	P[4:2]
25	Intensity	000 > 255	0 > 100%	P[1:3]
26	Hue	000 > 255	0° > 359°	P[1:3]
27	Saturation	000 > 255	0 > 100%	P[1:3]
28	Intensity	000 > 255	0 > 100%	P[2:3]
29	Hue	000 > 255	0° > 359°	P[2:3]
30	Saturation	000 > 255	0 > 100%	P[2:3]
31	Intensity	000 > 255	0 > 100%	P[3:3]
32	Hue	000 > 255	0° > 359°	P[3:3]
33	Saturation	000 > 255	0 > 100%	P[3:3]
34	Intensity	000 > 255	0 > 100%	P[4:3]
35	Hue	000 > 255	0° > 359°	P[4:3]
36	Saturation	000 > 255	0 > 100%	P[4:3]
37	Intensity	000 > 255	0 > 100%	P[1:4]
38	Hue	000 > 255	0° > 359°	P[1:4]
39	Saturation	000 > 255	0 > 100%	P[1:4]
40	Intensity	000 > 255	0 > 100%	P[2:4]
41	Hue	000 > 255	0° > 359°	P[2:4]
42	Saturation	000 > 255	0 > 100%	P[2:4]
43	Intensity	000 > 255	0 > 100%	P[3:4]
44	Hue	000 > 255	0° > 359°	P[3:4]
45	Saturation	000 > 255	0 > 100%	P[3:4]
46	Intensity	000 > 255	0 > 100%	P[4:4]
47	Hue	000 > 255	0° > 359°	P[4:4]
48	Saturation	000 > 255	0 > 100%	P[4:4]



**RGB - PIXEL MODE - 4X4**

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	Red	000 > 255	0 > 100%	P[1:1]
2	Green	000 > 255	0 > 100%	P[1:1]
3	Blue	000 > 255	0 > 100%	P[1:1]
4	Red	000 > 255	0 > 100%	P[2:1]
5	Green	000 > 255	0 > 100%	P[2:1]
6	Blue	000 > 255	0 > 100%	P[2:1]
7	Red	000 > 255	0 > 100%	P[3:1]
8	Green	000 > 255	0 > 100%	P[3:1]
9	Blue	000 > 255	0 > 100%	P[3:1]
10	Red	000 > 255	0 > 100%	P[4:1]
11	Green	000 > 255	0 > 100%	P[4:1]
12	Blue	000 > 255	0 > 100%	P[4:1]
13	Red	000 > 255	0 > 100%	P[1:2]
14	Green	000 > 255	0 > 100%	P[1:2]
15	Blue	000 > 255	0 > 100%	P[1:2]
16	Red	000 > 255	0 > 100%	P[2:2]
17	Green	000 > 255	0 > 100%	P[2:2]
18	Blue	000 > 255	0 > 100%	P[2:2]
19	Red	000 > 255	0 > 100%	P[3:2]
20	Green	000 > 255	0 > 100%	P[3:2]
21	Blue	000 > 255	0 > 100%	P[3:2]
22	Red	000 > 255	0 > 100%	P[4:2]
23	Green	000 > 255	0 > 100%	P[4:2]
24	Blue	000 > 255	0 > 100%	P[4:2]
25	Red	000 > 255	0 > 100%	P[1:3]
26	Green	000 > 255	0 > 100%	P[1:3]
27	Blue	000 > 255	0 > 100%	P[1:3]
28	Red	000 > 255	0 > 100%	P[2:3]
29	Green	000 > 255	0 > 100%	P[2:3]
30	Blue	000 > 255	0 > 100%	P[2:3]
31	Red	000 > 255	0 > 100%	P[3:3]
32	Green	000 > 255	0 > 100%	P[3:3]
33	Blue	000 > 255	0 > 100%	P[3:3]
34	Red	000 > 255	0 > 100%	P[4:3]
35	Green	000 > 255	0 > 100%	P[4:3]
36	Blue	000 > 255	0 > 100%	P[4:3]
37	Red	000 > 255	0 > 100%	P[1:4]
38	Green	000 > 255	0 > 100%	P[1:4]
39	Blue	000 > 255	0 > 100%	P[1:4]
40	Red	000 > 255	0 > 100%	P[2:4]
41	Green	000 > 255	0 > 100%	P[2:4]
42	Blue	000 > 255	0 > 100%	P[2:4]
43	Red	000 > 255	0 > 100%	P[3:4]
44	Green	000 > 255	0 > 100%	P[3:4]
45	Blue	000 > 255	0 > 100%	P[3:4]
46	Red	000 > 255	0 > 100%	P[4:4]
47	Green	000 > 255	0 > 100%	P[4:4]
48	Blue	000 > 255	0 > 100%	P[4:4]

## DIM + RGB - PIXEL MODE - 4X4

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	Intensity	000 > 255	0 > 100%	P[1:1]
2	Red	000 > 255	0 > 100%	P[1:1]
3	Green	000 > 255	0 > 100%	P[1:1]
4	Blue	000 > 255	0 > 100%	P[1:1]
5	Intensity	000 > 255	0 > 100%	P[2:1]
6	Red	000 > 255	0 > 100%	P[2:1]
7	Green	000 > 255	0 > 100%	P[2:1]
8	Blue	000 > 255	0 > 100%	P[2:1]
9	Intensity	000 > 255	0 > 100%	P[3:1]
10	Red	000 > 255	0 > 100%	P[3:1]
11	Green	000 > 255	0 > 100%	P[3:1]
12	Blue	000 > 255	0 > 100%	P[3:1]
13	Intensity	000 > 255	0 > 100%	P[4:1]
14	Red	000 > 255	0 > 100%	P[4:1]
15	Green	000 > 255	0 > 100%	P[4:1]
16	Blue	000 > 255	0 > 100%	P[4:1]
17	Intensity	000 > 255	0 > 100%	P[1:2]
18	Red	000 > 255	0 > 100%	P[1:2]
19	Green	000 > 255	0 > 100%	P[1:2]
20	Blue	000 > 255	0 > 100%	P[1:2]
21	Intensity	000 > 255	0 > 100%	P[2:2]
22	Red	000 > 255	0 > 100%	P[2:2]
23	Green	000 > 255	0 > 100%	P[2:2]
24	Blue	000 > 255	0 > 100%	P[2:2]
25	Intensity	000 > 255	0 > 100%	P[3:2]
26	Red	000 > 255	0 > 100%	P[3:2]
27	Green	000 > 255	0 > 100%	P[3:2]
28	Blue	000 > 255	0 > 100%	P[3:2]
29	Intensity	000 > 255	0 > 100%	P[4:2]
30	Red	000 > 255	0 > 100%	P[4:2]
31	Green	000 > 255	0 > 100%	P[4:2]
32	Blue	000 > 255	0 > 100%	P[4:2]
33	Intensity	000 > 255	0 > 100%	P[1:3]
34	Red	000 > 255	0 > 100%	P[1:3]
35	Green	000 > 255	0 > 100%	P[1:3]
36	Blue	000 > 255	0 > 100%	P[1:3]
37	Intensity	000 > 255	0 > 100%	P[2:3]
38	Red	000 > 255	0 > 100%	P[2:3]
39	Green	000 > 255	0 > 100%	P[2:3]
40	Blue	000 > 255	0 > 100%	P[2:3]
41	Intensity	000 > 255	0 > 100%	P[3:3]
42	Red	000 > 255	0 > 100%	P[3:3]
43	Green	000 > 255	0 > 100%	P[3:3]
44	Blue	000 > 255	0 > 100%	P[3:3]
45	Intensity	000 > 255	0 > 100%	P[4:3]

**DIM + RGB - PIXEL MODE - 4X4**

<b>DMX CHANNEL</b>	<b>FUNCTION</b>	<b>DMX VALUE</b>	<b>OUTPUT</b>	<b>PIXEL (X,Y)</b>
46	Red	000 > 255	0 > 100%	P[4:3]
47	Green	000 > 255	0 > 100%	P[4:3]
48	Blue	000 > 255	0 > 100%	P[4:3]
49	Intensity	000 > 255	0 > 100%	P[1:4]
50	Red	000 > 255	0 > 100%	P[1:4]
51	Green	000 > 255	0 > 100%	P[1:4]
52	Blue	000 > 255	0 > 100%	P[1:4]
53	Intensity	000 > 255	0 > 100%	P[2:4]
54	Red	000 > 255	0 > 100%	P[2:4]
55	Green	000 > 255	0 > 100%	P[2:4]
56	Blue	000 > 255	0 > 100%	P[2:4]
57	Intensity	000 > 255	0 > 100%	P[3:4]
58	Red	000 > 255	0 > 100%	P[3:4]
59	Green	000 > 255	0 > 100%	P[3:4]
60	Blue	000 > 255	0 > 100%	P[3:4]
61	Intensity	000 > 255	0 > 100%	P[4:4]
62	Red	000 > 255	0 > 100%	P[4:4]
63	Green	000 > 255	0 > 100%	P[4:4]
64	Blue	000 > 255	0 > 100%	P[4:4]

**RGBW - PIXEL MODE -4X4**

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	Red	000 > 255	0 > 100%	P[1:1]
2	Green	000 > 255	0 > 100%	P[1:1]
3	Blue	000 > 255	0 > 100%	P[1:1]
4	White	000 > 255	0 > 100%	P[1:1]
5	Red	000 > 255	0 > 100%	P[2:1]
6	Green	000 > 255	0 > 100%	P[2:1]
7	Blue	000 > 255	0 > 100%	P[2:1]
8	White	000 > 255	0 > 100%	P[2:1]
9	Red	000 > 255	0 > 100%	P[3:1]
10	Green	000 > 255	0 > 100%	P[3:1]
11	Blue	000 > 255	0 > 100%	P[3:1]
12	White	000 > 255	0 > 100%	P[3:1]
13	Red	000 > 255	0 > 100%	P[4:1]
14	Green	000 > 255	0 > 100%	P[4:1]
15	Blue	000 > 255	0 > 100%	P[4:1]
16	White	000 > 255	0 > 100%	P[4:1]
17	Red	000 > 255	0 > 100%	P[1:2]
18	Green	000 > 255	0 > 100%	P[1:2]
19	Blue	000 > 255	0 > 100%	P[1:2]
20	White	000 > 255	0 > 100%	P[1:2]
21	Red	000 > 255	0 > 100%	P[2:2]
22	Green	000 > 255	0 > 100%	P[2:2]
23	Blue	000 > 255	0 > 100%	P[2:2]
24	White	000 > 255	0 > 100%	P[2:2]
25	Red	000 > 255	0 > 100%	P[3:2]
26	Green	000 > 255	0 > 100%	P[3:2]
27	Blue	000 > 255	0 > 100%	P[3:2]
28	White	000 > 255	0 > 100%	P[3:2]
29	Red	000 > 255	0 > 100%	P[4:2]
30	Green	000 > 255	0 > 100%	P[4:2]
31	Blue	000 > 255	0 > 100%	P[4:2]
32	White	000 > 255	0 > 100%	P[4:2]
33	Red	000 > 255	0 > 100%	P[1:3]
34	Green	000 > 255	0 > 100%	P[1:3]
35	Blue	000 > 255	0 > 100%	P[1:3]
36	White	000 > 255	0 > 100%	P[1:3]
37	Red	000 > 255	0 > 100%	P[2:3]
38	Green	000 > 255	0 > 100%	P[2:3]
39	Blue	000 > 255	0 > 100%	P[2:3]
40	White	000 > 255	0 > 100%	P[2:3]
41	Red	000 > 255	0 > 100%	P[3:3]
42	Green	000 > 255	0 > 100%	P[3:3]
43	Blue	000 > 255	0 > 100%	P[3:3]
44	White	000 > 255	0 > 100%	P[3:3]
45	Red	000 > 255	0 > 100%	P[4:3]

**RGBW - PIXEL MODE -4X4**

<b>DMX CHANNEL</b>	<b>FUNCTION</b>	<b>DMX VALUE</b>	<b>OUTPUT</b>	<b>PIXEL (X,Y)</b>
46	Green	000 > 255	0 > 100%	P[4:3]
47	Blue	000 > 255	0 > 100%	P[4:3]
48	White	000 > 255	0 > 100%	P[4:3]
49	Red	000 > 255	0 > 100%	P[1:4]
50	Green	000 > 255	0 > 100%	P[1:4]
51	Blue	000 > 255	0 > 100%	P[1:4]
52	White	000 > 255	0 > 100%	P[1:4]
53	Red	000 > 255	0 > 100%	P[2:4]
54	Green	000 > 255	0 > 100%	P[2:4]
55	Blue	000 > 255	0 > 100%	P[2:4]
56	White	000 > 255	0 > 100%	P[2:4]
57	Red	000 > 255	0 > 100%	P[3:4]
58	Green	000 > 255	0 > 100%	P[3:4]
59	Blue	000 > 255	0 > 100%	P[3:4]
60	White	000 > 255	0 > 100%	P[3:4]
61	Red	000 > 255	0 > 100%	P[4:4]
62	Green	000 > 255	0 > 100%	P[4:4]
63	Blue	000 > 255	0 > 100%	P[4:4]
64	White	000 > 255	0 > 100%	P[4:4]

## [8X8] PIXEL MODES

### CCT + G/M - PIXEL MODE - 8X8

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1..3	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:1
4..6	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:1
7..9	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	3:1
10..12	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:1
13..15	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:1
16..18	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:1
19..21	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:1
22..24	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:1
25..27	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:2
28..30	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:2
31..33	Intensity - CCT - G/M	000 > 255	Refer to CCT mode v details	3:2
34..36	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:2
37..39	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:2
40..42	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:2
43..45	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:2
46..48	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:2
49..51	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:3
52..54	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:3
55..57	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	3:3
58..60	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:3
61..63	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:3
64..66	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:3
67..69	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:3
70..72	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:3
73..75	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:4
76..78	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:4
79..81	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	3:4
82..84	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:4
85..87	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:4
88..90	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:4
91..93	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:4
94..96	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:4
97..99	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:5
100..102	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:5
103..105	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	3:5
106..108	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:5
109..111	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:5
112..114	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:5
115..117	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:5
118..120	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:5
121..123	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:6
124..126	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:6
127..129	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	3:6
130..132	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:6
133..135	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:6
136..138	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:6
139..141	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:6

**CCT + G/M - PIXEL MODE - 8X8**

<b>DMX CHANNEL</b>	<b>FUNCTION</b>	<b>DMX VALUE</b>	<b>OUTPUT</b>	<b>PIXEL (X,Y)</b>
142..144	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:6
145..147	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:7
148..150	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:7
151..153	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	3:7
154..156	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:7
157..159	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:7
160..162	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:7
163..165	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:7
166..168	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:7
169..171	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:8
172..174	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:8
175..177	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	3:8
178..180	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:8
181..182	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:8
183..185	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:8
186..188	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:8
189..191	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:8

**RGB - PIXEL MODE - 8X8**

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1..3	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:1
4..6	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:1
7..9	Red - Green - Blue	000 > 255	Refer to RGB mode for details	3:1
10..12	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:1
13..15	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:1
16..18	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:1
19..21	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:1
22..24	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:1
25..27	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:2
28..30	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:2
31..33	Red - Green - Blue	000 > 255	Refer to RGB mode for details	3:2
34..36	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:2
37..39	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:2
40..42	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:2
43..45	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:2
46..48	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:2
49..51	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:3
52..54	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:3
55..57	Red - Green - Blue	000 > 255	Refer to RGB mode for details	3:3
58..60	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:3
61..63	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:3
64..66	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:3
67..69	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:3
70..72	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:3
73..75	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:4
76..78	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:4
79..81	Red - Green - Blue	000 > 255	Refer to RGB mode for details	3:4
82..84	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:4
85..87	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:4
88..90	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:4
91..93	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:4
94..96	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:4
97..99	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:5
100..102	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:5
103..105	Red - Green - Blue	000 > 255	Refer to RGB mode for details	3:5
106..108	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:5
109..111	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:5
112..114	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:5
115..117	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:5
118..120	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:5
121..123	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:6
124..126	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:6
127..129	Red - Green - Blue	000 > 255	Refer to RGB mode for details	3:6
130..132	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:6
133..135	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:6
136..138	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:6
139..141	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:6



**RGB - PIXEL MODE - 8X8**

<b>DMX CHANNEL</b>	<b>FUNCTION</b>	<b>DMX VALUE</b>	<b>OUTPUT</b>	<b>PIXEL (X,Y)</b>
142..144	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:6
145..147	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:7
148..150	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:7
151..153	Red - Green - Blue	000 > 255	Refer to RGB mode for details	3:7
154..156	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:7
157..159	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:7
160..162	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:7
163..165	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:7
166..168	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:7
169..171	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:8
172..174	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:8
175..177	Red - Green - Blue	000 > 255	Refer to RGB mode for details	3:8
178..180	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:8
181..182	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:8
183..185	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:8
186..188	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:8
189..191	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:8

**RGBW - PIXEL MODE - 8X8**

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1..4	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	1:1
5..8	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	2:1
9..12	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	3:1
13..16	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	4:1
17..20	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	5:1
21..24	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	6:1
25..28	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	7:1
29..32	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	8:1
33..36	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	1:2
37..40	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	2:2
41..44	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	3:2
45..48	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	4:2
49..52	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	5:2
53..56	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	6:2
57..60	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	7:2
61..64	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	8:2
65..68	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	1:3
69..72	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	2:3
73..76	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	3:3
77..80	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	4:3
81..84	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	5:3
85..88	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	6:3
89..92	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	7:3
93..96	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	8:3
97..100	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	1:4
101..104	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	2:4
105..108	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	3:4
109..112	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	4:4
113..116	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	5:4
117..120	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	6:4
121..124	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	7:4
125..128	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	8:4
129..132	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	1:5
133..136	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	2:5
137..140	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	3:5
141..144	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	4:5
145..148	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	5:5
149..152	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	6:5
153..156	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	7:5
157..160	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	8:5
161..164	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	1:6
165..168	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	2:6
169..172	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	3:6
173..176	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	4:6
177..180	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	5:6
181..184	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	6:6
185..188	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	7:6

**RGBW - PIXEL MODE - 8X8**

<b>DMX CHANNEL</b>	<b>FUNCTION</b>	<b>DMX VALUE</b>	<b>OUTPUT</b>	<b>PIXEL (X,Y)</b>
189..192	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	8:6
193..196	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	1:7
197..200	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	2:7
201..204	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	3:7
205..208	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	4:7
209..212	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	5:7
213..216	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	6:7
217..220	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	7:7
221..224	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	8:7
225..228	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	1:8
229..232	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	2:8
233..236	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	3:8
237..240	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	4:8
241..244	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	5:8
245..248	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	6:8
249..252	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	7:8
253..256	Red - Green - Blue - White	000 > 255	Refer to RGBW mode for details	8:8

## DIM+RGB - PIXEL MODE - 8X8

DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1..4	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	1:1
5..8	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	2:1
9..12	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	3:1
13..16	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	4:1
17..20	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	5:1
21..24	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	6:1
25..28	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	7:1
29..32	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	8:1
33..36	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	1:2
37..40	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	2:2
41..44	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	3:2
45..48	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	4:2
49..52	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	5:2
53..56	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	6:2
57..60	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	7:2
61..64	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	8:2
65..68	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	1:3
69..72	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	2:3
73..76	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	3:3
77..80	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	4:3
81..84	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	5:3
85..88	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	6:3
89..92	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	7:3
93..96	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	8:3
97..100	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	1:4
101..104	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	2:4
105..108	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	3:4
109..112	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	4:4
113..116	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	5:4
117..120	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	6:4
121..124	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	7:4
125..128	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	8:4
129..132	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	1:5
133..136	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	2:5
137..140	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	3:5
141..144	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	4:5
145..148	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	5:5
149..152	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	6:5
153..156	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	7:5
157..160	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	8:5
161..164	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	1:6
165..168	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	2:6
169..172	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	3:6
173..176	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	4:6
177..180	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	5:6
181..184	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	6:6
185..188	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	7:6

**DIM+RGB - PIXEL MODE - 8X8**

<b>DMX CHANNEL</b>	<b>FUNCTION</b>	<b>DMX VALUE</b>	<b>OUTPUT</b>	<b>PIXEL (X,Y)</b>
189..192	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	8:6
193..196	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	1:7
197..200	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	2:7
201..204	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	3:7
205..208	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	4:7
209..212	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	5:7
213..216	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	6:7
217..220	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	7:7
221..224	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	8:7
225..228	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	1:8
229..232	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	2:8
233..236	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	3:8
237..240	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	4:8
241..244	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	5:8
245..248	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	6:8
249..252	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	7:8
253..256	Master - Green - Blue - White	000 > 255	Refer to DIM+RGB mode for details	8:8

## [16X16] PIXEL MODES (Art-Net & sACN Only)

CCT + G/M - PIXEL MODE - 16X16					
DMX UNIVERSE	DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	1.3	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:1
1	4..6	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:1
1	7..9	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	3:1
1	10..12	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:1
1	13..15	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:1
1	16..18	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:1
1	19..21	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:1
1	22..24	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:1
1	25..27	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:1
1	28..30	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:1
1	31..33	Intensity - CCT - G/M	000 > 255	Refer to CCT mode v details	3:1
1	34..36	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:1
1	37..39	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:1
1	40..42	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:1
1	43..45	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:1
1	46..48	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:1

- The 256 pixels (16x16) are individually controlled with 3 channels : Intensity, CCT, Green/Magenta. Refer to CCT mode fo details on each channel.
- Since this mode uses several DMX universes, it is only accessible in Art-Net / sACN mode.
- The exact DMX footprint depends on the starting DMX address. Channels should be grouped by 3 (1 pixel).
- Typical case, with EXATILE PIXEL set to Universe 1, DMX @ 001 :
  - > Universe 1 - DMX 001 to 510 : Pixel [1:1] to Pixel [10:11] (170 pixels)
  - > Universe 2 - DMX 001 to 258 : Pixel [11:11] to Pixel [16:16] (86 pixels)

2	1.3	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	11:11
2	4..6	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	12:11
2	7..9	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	13:11
2	10..12	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	14:11
2	13..15	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	15:11
2	16..18	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	16:11
2	19..21	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:12
2	22..24	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:12
2	25..27	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:12
2	28..30	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:12
2	31..33	Intensity - CCT - G/M	000 > 255	Refer to CCT mode v details	3:12
2	34..36	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:12
2	37..39	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:12
2	40..42	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:12
2	43..45	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:12
2	46..48	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:12

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## HSI - PIXEL MODE - 16X16

DMX UNIVERSE	DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	1..3	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	1:1
1	4..6	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	2:1
1	7..9	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	3:1
1	10..12	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	4:1
1	13..15	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	5:1
1	16..18	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	6:1
1	19..21	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	7:1
1	22..24	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	8:1
1	25..27	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	1:1
1	28..30	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	2:1
1	31..33	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode v details	3:1
1	34..36	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	4:1
1	37..39	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	5:1
1	40..42	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	6:1
1	43..45	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	7:1
1	46..48	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	8:1

The 256 pixels (16x16) are individually controlled with 3 channels : Intensity, Hue and Saturation. Refer to HSI mode fo details on each channel.

Since this mode uses several DMX universes, it is only accessible in Art-Net / sACN mode.

The exact DMX footprint depends on the starting DMX address. Channels should be grouped by 3 (1 pixel).

Typical case, with EXATILE PIXEL set to Universe 1, DMX @ 001 :

> Universe 1 - DMX 001 to 510 : Pixel [1:1] to Pixel [10:11] (170 pixels)

> Universe 2 - DMX 001 to 258 : Pixel [11:11] to Pixel [16:16] (86 pixels)

2	1..3	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	11:11
2	4..6	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	12:11
2	7..9	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	13:11
2	10..12	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	14:11
2	13..15	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	15:11
2	16..18	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	16:11
2	19..21	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	1:12
2	22..24	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	2:12
2	25..27	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	1:12
2	28..30	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	2:12
2	31..33	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	3:12
2	34..36	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	4:12
2	37..39	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	5:12
2	40..42	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	6:12
2	43..45	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	7:12
2	46..48	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	8:12

**RGB - PIXEL MODE - 16X16**

DMX UNIVERSE	DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	1..3	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:1
1	4..6	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:1
1	7..9	Red - Green - Blue	000 > 255	Refer to RGB mode for details	3:1
1	10..12	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:1
1	13..15	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:1
1	16..18	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:1
1	19..21	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:1
1	22..24	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:1
1	25..27	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:1
1	28..30	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:1
1	31..33	Red - Green - Blue	000 > 255	Refer to RGB mode v details	3:1
1	34..36	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:1
1	37..39	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:1
1	40..42	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:1
1	43..45	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:1
1	46..48	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:1



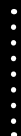
The 256 pixels (16x16) are individually controlled with 3 channels : Red, Green and Blue.  
Refer to RGB mode fo details on each channel.

Since this mode uses several DMX universes, it is only accessible in Art-Net / sACN mode.

The exact DMX footprint depends on the starting DMX address. Channels should be grouped by 3 (1 pixel).

Typical case, with EXATILE PIXEL set to Universe 1, DMX @ 001 :  
 > Universe 1 - DMX 001 to 510 : Pixel [1:1] to Pixel [10:11] (170 pixels)  
 > Universe 2 - DMX 001 to 258 : Pixel [11:11] to Pixel [16:16] (86 pixels)

2	1..3	Red - Green - Blue	000 > 255	Refer to RGB mode for details	11:11
2	4..6	Red - Green - Blue	000 > 255	Refer to RGB mode for details	12:11
2	7..9	Red - Green - Blue	000 > 255	Refer to RGB mode for details	13:11
2	10..12	Red - Green - Blue	000 > 255	Refer to RGB mode for details	14:11
2	13..15	Red - Green - Blue	000 > 255	Refer to RGB mode for details	15:11
2	16..18	Red - Green - Blue	000 > 255	Refer to RGB mode for details	16:11
2	19..21	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:12
2	22..24	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:12
2	25..27	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:12
2	28..30	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:12
2	31..33	Red - Green - Blue	000 > 255	Refer to RGB mode v details	3:12
2	34..36	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:12
2	37..39	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:12
2	40..42	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:12
2	43..45	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:12
2	46..48	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:12





**DIM+RGB - PIXEL MODE - 16X16 - PIXEL MODE - 16X16**

DMX UNIVERSE	DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	1..4	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	1:1
1	5..8	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	2:1
1	9..12	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	3:1
1	13..16	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	4:1
1	17..20	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	5:1
1	21..24	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	6:1
1	25..28	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	7:1
1	29..32	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	8:1
1	33..36	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	1:1
1	37..40	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	2:1
1	41..44	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	3:1
1	45..48	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	4:1
1	49..52	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	5:1
1	53..56	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	6:1
1	57..60	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	7:1
1	61..64	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	8:1



The 256 pixels (16x16) are individually controlled with 4 channels : Master, Red, Green and Blue. Refer to DIM+RGB mode fo details on each channel.

Since this mode uses several DMX universes, it is only accessible in Art-Net / sACN mode.

The exact DMX footprint depends on the starting DMX address. Channels should be grouped by 4 (1 pixel).

- Typical case, with EXATILE PIXEL set to Universe 1, DMX @ 001 :
- > Universe 1 - DMX 001 to 512 : Pixel [1:1] to Pixel [16:8] (128 pixels)
- > Universe 2 - DMX 001 to 512 : Pixel [1:9] to Pixel [16:16] (128 pixels)

2	1..4	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	1:9
2	5..8	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	2:9
2	9..12	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	3:9
2	13..16	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	4:9
2	17..20	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	5:9
2	21..24	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	6:9
2	25..28	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	1:9
2	29..32	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	2:9
2	33..36	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	1:9
2	37..40	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	2:9
2	41..44	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	3:9
2	45..48	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	4:9
2	49..52	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	5:9
2	53..56	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	6:9
2	57..60	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	7:9
2	61..64	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	8:9



**RGBW - PIXEL MODE - 16X16 - PIXEL MODE - 16X16**

DMX UNIVERSE	DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	1..4	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	1:1
1	5..8	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	2:1
1	9..12	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	3:1
1	13..16	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	4:1
1	17..20	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	5:1
1	21..24	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	6:1
1	25..28	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	7:1
1	29..32	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	8:1
1	33..36	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	1:1
1	37..40	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	2:1
1	41..44	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	3:1
1	45..48	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	4:1
1	49..52	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	5:1
1	53..56	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	6:1
1	57..60	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	7:1
1	61..64	Red - Green - Blue - White	000 > 255	Refer to DIM + RGBW mode for details	8:1



The 256 pixels (16x16) are individually controlled with 4 channels : Red, Green, Blue and White. Refer to RGBW mode fo details on each channel.

Since this mode uses several DMX universes, it is only accessible in Art-Net / sACN mode.

The exact DMX footprint depends on the starting DMX address. Channels should be grouped by 4 (1 pixel).

- Typical case, with EXATILE PIXEL set to Universe 1, DMX @ 001 :
- > Universe 1 - DMX 001 to 512 : Pixel [1:1] to Pixel [16:8] (128 pixels)
- > Universe 2 - DMX 001 to 512 : Pixel [1:9] to Pixel [16:16] (128 pixels)

2	1..4	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	1:9
2	5..8	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	2:9
2	9..12	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	3:9
2	13..16	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	4:9
2	17..20	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	5:9
2	21..24	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	6:9
2	25..28	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	1:9
2	29..32	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	2:9
2	33..36	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	1:9
2	37..40	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	2:9
2	41..44	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	3:9
2	45..48	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	4:9
2	49..52	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	5:9
2	53..56	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	6:9
2	57..60	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	7:9
2	61..64	Master - Red - Green - Blue	000 > 255	Refer to DIM + RGB mode for details	8:9



## [32X32] PIXEL MODES (Art-Net & sACN Only)

CCT + G/M - PIXEL MODE - 32X32					
DMX UNIVERSE	DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	1.3	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:1
1	4..6	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:1
1	7..9	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	3:1
1	10..12	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:1
1	13..15	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:1
1	16..18	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:1
1	19..21	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:1
1	22..24	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:1
1	25..27	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	1:1
1	28..30	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	2:1
1	31..33	Intensity - CCT - G/M	000 > 255	Refer to CCT mode v details	3:1
1	34..36	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	4:1
1	37..39	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	5:1
1	40..42	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	6:1
1	43..45	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	7:1
1	46..48	Intensity - CCT - G/M	000 > 255	Refer to CCT mode for details	8:1

- The 1024 pixels (32x32) are individually controlled with 3 channels : Intensity, CCT, Green/Magenta. Refer to CCT mode fo details on each channel.
- Since this mode uses several DMX universes, it is only accessible in Art-Net / sACN mode.
- The exact DMX footprint depends on the starting DMX address. Channels should be grouped by 3 (1 pixel).
- Typical case, with EXATILE PIXEL set to Universe 1, DMX @ 001 :
  - > Universe 1 - DMX 001 to 510 : Pixel [1:1] to Pixel [10:6] (170 pixels)
  - > Universe 2 - DMX 001 to 510 : Pixel [11:6] to Pixel [20:11] (170 pixels)
  - > Universe 3 - DMX 001 to 510 : Pixel [21:11] to Pixel [30:16] (170 pixels)
  - > Universe 4 - DMX 001 to 510 : Pixel [31:16] to Pixel [8:22] (170 pixels)
  - > Universe 5 - DMX 001 to 510 : Pixel [9:22] to Pixel [18:27] (170 pixels)
  - > Universe 6 - DMX 001 to 510 : Pixel [19:27] to Pixel [28:32] (170 pixels)
  - > Universe 7 - DMX 001 to 012 : Pixel [29:32] to Pixel [32:32] (4 pixels)

## HSI - PIXEL MODE - 32X32

DMX UNIVERSE	DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	1..3	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	1:1
1	4..6	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	2:1
1	7..9	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	3:1
1	10..12	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	4:1
1	13..15	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	5:1
1	16..18	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	6:1
1	19..21	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	7:1
1	22..24	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	8:1
1	25..27	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	1:1
1	28..30	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	2:1
1	31..33	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode v details	3:1
1	34..36	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	4:1
1	37..39	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	5:1
1	40..42	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	6:1
1	43..45	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	7:1
1	46..48	Intensity - Hue - Saturation	000 > 255	Refer to HSI mode for details	8:1

The 1024 pixels (32x32) are individually controlled with 3 channels : Intensity, Hue and Saturation. Refer to HSI mode for details on each channel.

Since this mode uses several DMX universes, it is only accessible in Art-Net / sACN mode.

The exact DMX footprint depends on the starting DMX address. Channels should be grouped by 3 (1 pixel).

Typical case, with EXATILE PIXEL set to Universe 1, DMX @ 001 :

- Universe 1 - DMX 001 to 510 : Pixel [1:1] to Pixel [10:6] (170 pixels)
- Universe 2 - DMX 001 to 510 : Pixel [11:6] to Pixel [20:11] (170 pixels)
- Universe 3 - DMX 001 to 510 : Pixel [21:11] to Pixel [30:16] (170 pixels)
- Universe 4 - DMX 001 to 510 : Pixel [31:16] to Pixel [40:21] (170 pixels)
- Universe 5 - DMX 001 to 510 : Pixel [41:21] to Pixel [50:26] (170 pixels)
- Universe 6 - DMX 001 to 510 : Pixel [51:26] to Pixel [60:31] (170 pixels)
- Universe 7 - DMX 001 to 012 : Pixel [29:32] to Pixel [32:32] (4 pixels)

## RGB - PIXEL MODE - 32X32

DMX UNIVERSE	DMX CHANNEL	FUNCTION	DMX VALUE	OUTPUT	PIXEL (X,Y)
1	1..3	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:1
1	4..6	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:1
1	7..9	Red - Green - Blue	000 > 255	Refer to RGB mode for details	3:1
1	10..12	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:1
1	13..15	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:1
1	16..18	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:1
1	19..21	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:1
1	22..24	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:1
1	25..27	Red - Green - Blue	000 > 255	Refer to RGB mode for details	1:1
1	28..30	Red - Green - Blue	000 > 255	Refer to RGB mode for details	2:1
1	31..33	Red - Green - Blue	000 > 255	Refer to RGB mode v details	3:1
1	34..36	Red - Green - Blue	000 > 255	Refer to RGB mode for details	4:1
1	37..39	Red - Green - Blue	000 > 255	Refer to RGB mode for details	5:1
1	40..42	Red - Green - Blue	000 > 255	Refer to RGB mode for details	6:1
1	43..45	Red - Green - Blue	000 > 255	Refer to RGB mode for details	7:1
1	46..48	Red - Green - Blue	000 > 255	Refer to RGB mode for details	8:1

The 1024 pixels (32x32) are individually controlled with 3 channels : Red, Green and Blue.  
Refer to RGB mode fo details on each channel.

Since this mode uses several DMX universes, it is only accessible in Art-Net / sACN mode.

The exact DMX footprint depends on the starting DMX address. Channels should be grouped by 3 (1 pixel).

Typical case, with EXATILE PIXEL set to Universe 1, DMX @ 001 :

- Universe 1 - DMX 001 to 510 : Pixel [1:1] to Pixel [10:6] (170 pixels)
- Universe 2 - DMX 001 to 510 : Pixel [11:6] to Pixel [20:11] (170 pixels)
- Universe 3 - DMX 001 to 510 : Pixel [21:11] to Pixel [30:16] (170 pixels)
- Universe 4 - DMX 001 to 510 : Pixel [31:16] to Pixel [8:22] (170 pixels)
- Universe 5 - DMX 001 to 510 : Pixel [9:22] to Pixel [18:27] (170 pixels)
- Universe 6 - DMX 001 to 510 : Pixel [19:27] to Pixel [28:32] (170 pixels)
- Universe 7 - DMX 001 to 012 : Pixel [29:32] to Pixel [32:32] (4 pixels)