

# OSC addresses and values for iDraw OSC app

Parameter	OSC Address	Value type	Value range	Description	Behaviour
RGB Red	/r	float	[0; 1]		All this values are sent <b>one time</b> , every time the screen is touched
RGB Green	/g	float	[0; 1]		
RGB Blue	/b	float	[0; 1]		
Opacity	/a	float	[0; 1]	1 is full opacity; 0 is transparent	
Type of pen	/pen	boolean	{0; 1}	The selected type of pen has value 1, all the others have value 0 (it's mutually exclusive)	
	/pencil				
	/marker				
	/monoline				
	/crayon				
	/fountainPen				
	/waterColor				
Eraser (pixel mode)	/bitmapEraser	boolean	{0; 1}		
Eraser (object mode)	/vectorEraser	boolean	{0; 1}		
Canvas width	/canvasWidth	integer	[0; ??]	Width of the screen in pixels	
Canvas height	/canvasHeight	integer		Height of the screen in pixels	
Pen thickness	/drawingWidth	float	[0; ??]	Don't know the exact max value but should be < 30	
Eraser thickness	/eraserWidth	float	[0; ??]	Don't know the exact max value but should be < 80	
Pen X-location (pixels)	/x	integer	[0, canvasWidth]	0 is on the left side of the screen	All this values are sent <b>continuously</b> when the screen is touched (they stop being sent when the screen is not touched anymore)
Pen Y-location (pixels)	/y	integer	[0, canvasHeight]	0 is at the top of the screen	
Pen pressure	/pressure	float	[0; ??]	Don't know the exact max value but should be < 5	
Pen X-location (normalised)	/aspectX	float	[-0.5; 0.5]	-0.5 is on the left side of the screen	
Pen Y-location (normalised)	/aspectY	float	[-0.5; 0.5]	-0.5 is on the top side of the screen	