TABLE 1. 'Pixel Array' Operations

Function	Inputs	Outputs
Initialize	none	none
Get Position	none	Returns the row and column of the bottom left-most pixel in the array.
Get Width	none	Returns the width of the array in pixels.
Get Height	none	Returns the height of the array in pixels.
Get Pixel Pulse Height	Pixel Row and Column, relative to bottom-left pixel in the array.	Returns the raw pulse-height of the pixel addressed by the specified location.
Get Pixel Bias	Pixel Row and Column, relative to bottom-left pixel in the array.	Returns the bias associated with the pixel addressed by the specified location.
Pack to Buffer	Address of the destination buffer. Bit-index into the first word of the destination buffer. Max. Length of the buffer.	Bit-packs the pixel data into the specified buffer. The 12-bit raw pixel pulse-heights are bit-packed into the buffer, starting with the bottom pixel row of the Pixel Array and moving left to right and then up to the next row. The first bit written to in the destination buffer is specified by the Bit-Index argument to the function. This allows the Pixel Array data to be bit-packed along with other information into a single destination buffer.