

Structure of the pre-histogrammed Image Data File

Data Item	Type	Description
PixX	int32	pixels in X-direction
PixY	int32	pixels in Y-direction
PixResol	float32	spatial pixel resolution in μm
TCSPCChannels	int32	number of TCSPC channels per pixel
TimeResol	float32	time resolution of the TCSPC histograms in ns
The following block will appear in the file for each $y = 1$ to $\langle \text{PixY} \rangle$		
The following block will appear in block (y) for each $x = 1$ to $\langle \text{PixX} \rangle$		
The following data will appear in the block (x,y) for each $t = 1$ to $\langle \text{TCSPCChannels} \rangle$		
HistogramData [x,y,t]	int32	counts of the TCSPC channel t of pixel (x,y)
end of block		
end of block		
end of block		

For an example in Python and Matlab see here:

<https://github.com/PicoQuant/pre-histogrammed-Image-Data-File>

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