

MiCAM ULTIMA DATA FORMAT

address	L/C	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24			118	119	120-127													
0	0	Mid level			Mid level			Stm/Trg Dgin		Frame	Analn1	Analn2		Ch1	5	9	13	Image Data = 100 x 100 (pixels) 16bit singed binary Monitor image : 16384 is the maximum value										Reserve																
128	1	-8192											2	6	10	14																												
256	2												3	7	11	15																												
384	3										0		4	8	12	16																												
512	4	Mid level			Mid level						Analn1	Analn2		Ch1	5	9	13																											
640	5	-8192											2	6	10	14																												
768	6												3	7	11	15																												
896	7										1		4	8	12	16																												
1024	8	Stm/trg upper Dgln lower 8bits										<table border="1"> <tr> <td>di3</td> <td>di2</td> <td>di1</td> <td>di0</td> <td>trged</td> <td>trgin</td> <td>stm2</td> <td>stm1</td> </tr> <tr> <td>f</td> <td>e</td> <td>d</td> <td>c</td> <td>b</td> <td>a</td> <td>9</td> <td>8</td> </tr> </table>				di3	di2	di1	di0	trged	trgin	stm2	stm1	f	e	d	c	b	a	9	8	Image Data = 100 x 100 (pixels) 16bit singed binary Monitor image : 16384 is the maximum value										Reserve		
di3	di2											di1	di0	trged	trgin	stm2	stm1																											
f	e											d	c	b	a	9	8																											
...																																												
10112	79																																											
10240	80																																											
...		NoData Not valid										Image Data = 100 x 100 (pixels) 16bit singed binary Monitor image : 16384 is the maximum value										Reserve																						
12672	99																																											
12800	0	Next Frame																																										

A frame is 25.6K byte. A frame is consisted 100 lines x 128 columns x 2 bytes (16bits).
 Optical image is located column 20 to 119 and line 0 to 99.
 Analog and other signals is located column 8 to 19 and line 0 to 79 in 4 line group.
 Averaged data is not divide by average number, so just added.