Image Properties (.IPR)   File Format   Version 3.34   July 2006

DATA	OFFSET [BYTES]	DATA TYPE	DESCRIPTION
Version	0	short	334
Image type	2	short	0=empty;1=electron;2=xmap;3=disk; 4=overlay
Label	4	char[8]	Image label
Smin	12	short	Min collected signal
Smax	14	short	Max collected signal
Color	16	short	color:0=gray;1=R;2=G;3=B;4=Y5= M;6=C;8=overlay
Preset mode	18	short	0=clock;1=live
Preset time	20	long	Dwell time for x-ray (millisec)
Data type	24	short	0=ROI; 1=Net inte; 2=K ratio; 3=Wt%; 4=Mthin
Time constant-old	26	short	Amplifier pulse processing time [usec]
Reserved	28	short	Not used
ROI start channel	30	short	ROI starting channel
ROI end channel	32	short	ROI ending channel
User Set Minimum	**34**	**Short**	**User Defined Min signal range**
User Set Maximum	**36**	**Short**	**User Defined Max signal range**
iADC	38	short	Electron detector number: 1;2;3;4
Reserved	40	short	Not used
iBits	42	short	conversion type: 8;12 (not used)
nReads	44	short	No. of reads per point
nFrames	46	short	No. of frames averaged (not used)
fDwell	48	float	Dwell time (not used)
Accelerating Voltage	52	short	In units of 100V
Tilt	54	short	Sample tilt [deg]
Tkoff	56	short	Takeoff angle [deg]
Magn	58	long	Magnification
WD	62	short	Working distance [mm]
mppX	64	float	Microns per pixel in X direction
mppY	68	float	Microns per pixel in Y direction
nTextLines	72	short	No. of comment lines
Char text	74	char[4][32]	Comment text
Reserved	202	float[4]	Not used
nOverlayElements	218	short	No. of overlay elements
Overlay colors	220	short[16]	Overlay colors
TimeConstant - new	252	float	Amplifier time constant [usec]
Reserved	256	float[2]	Not used

Total Size: 264 bytes.

DATA	OFFSET [BYTES]	DATA TYPE	DESCRIPTION
		Edit Log	

Variable	Version	Purpose
User Set Minimum User Set Maximum	V334 - July 2006	To allow users to define the min/max video intensity for display. Supported in SpecUTil.
Accelerating Voltage	V333 - Sep 19, 2001	Units changed from KV to 100V
	V200 - 1998-2001	