Subject: Re: Problem displaying images on 8 bit monitor
Posted by Karl Schultz on Wed, 11 Oct 2006 15:21:40 GMT

On Wed, 11 Oct 2006 02:28:55 -0700, mark wrote:

> The DOME card/monitor I have uses 8 bits per pixel grayscale - it's set
> to a 256 level static grayscale and there is no option for this card to
> increase the bit-depth.
>
> The other display programs I have used (that work fine with this card)
> are ImageJ and Osiris, i.e. normal shareware display programs
> downloaded from the web that are not at all specifically designed for
> this card. I'm fairly sure that even Paintshop word work, though I
> haven't installed and tested that.
>
> On this monitor, IDL is displaying the 8 bit images 5 bit, i.e. there
> are only 32 discrete gray level values being displayed instead of 256.
> That is why the image does not look smooth. I can't understand why this
> is the case, but I will take your advice and forward a message to Tech
> Support and see what they say.
>
>

OK. We occasionally get a query about 12-bit DOME card support and I had
incorrectly guessed that this was your problem.

I don't know what's causing the problem. The IDL code isn't dealing with
the greyscale aspect of this device quite correctly. I can't really tell
without having the card here in front of me. I wish I could get a hold of
one of these for a bit.

Karl