Subject: Re: Problem displaying images on 8 bit monitor
Posted by mark on Wed, 11 Oct 2006 18:46:52 GMT
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Hello,

Most (all??) modern DOME cards are 12-bit; this one is a bit older.

It's frustrating because even Windows' very own shoddy Paint program
can display my 8-bit images correctly so I can't understand why IDL
would have a problem.
I'm in touch with ITTS about this. Not much progress thus far.

Thanks for your help though. If you like, I can let you know what the
problem was if we ever manage to solve it.

Regards,
Mark

Karl Schultz skrev:

> 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