

Subject: DLP Projectors

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Hi guys:

Just got off the phone with Ed G. re: data projectors.

The current recommendation is for a 3000 lumen projector in 12A and 12B for a 18 x 13 foot image. Cost is estimated at about \$7500 each.

The current recommendation is for a 5000 lumen projector in 12 for a 22 foot wide image.

For 12B, we need dlp projectors, not LCD. The dlp projector market seems to be in the low end/ultra portable and in the very high end, \$100K !, with LCD occupying the middle position, which is where we need to be.

Lots of unresolved questions, but I'll give some partial answers. {As an aside, it looks like it is increasingly important that we get the computer/Cyviz unit working asap so we can do some "experiments" with data projectors and such.}

When will the projectors to be provided by Media Sevices be ordered?
Hopefully, by the end of next week.

What dlp projector do we know about on campus?

None installed in any campus room.

Might be several portable ones on campus that we could "borrow" for a day, maybe 1000 lumens each.

What dlp projectors have we identified as being available for purchase?

One is the Infocus LP 530, 2000 lumens. Unconfirmed price estimate is about \$7K.

Does the 3D work at all with standard LCD projectors, even well enough to test and to demo for Panther weekend?

I have no clue. But we could do this experiment next week if someone gets the computer and Cyviz working (ok - the screen won't be available then yet either; but we can test the advantage of a silver screen at the same time).

Other comments...

IF we are projecting 3D, we will have less to no need for room lites for note taking, so the demand for lumens might not be the same as for normal classroom projector use. Likewise, we could project a smaller size for the 3D and therefore get away with less lumens.

BUT we also lose lumens with the polarizers (2) that each photon must go thru before it is "seen".

Maybe a solution would be for Ed to install a 3000 Lumen LCD projector in 12B and us to buy two 2000 lumen dlp projectors and use different projectors for different purposes. The budget could probably be stretched to accommodate this. This would also allow smaller size image for 3D to compensate for lower lumens.

Another problem to solve - are the dlp projectors "stackable"? Not all portable projectors are so designed such that the images can be overlapped the way we want.

Cheers,
Joe G.

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Behold the turtle. He makes progress only when he sticks his neck out.
-- James Bryant Conant