

How to make an I-beam or T-Rail mount for the BoosterVision GearCam-DVR

I purchased a $3/32 \times 1/4$ basswood strip at the hobby store in my town for about 50 cents. I first cut a strip out of it $4-1/4$ " long. You could make your shorter but I chose to make mine a little larger.



I had to sand the thickness down some as the $3/32$ " is just a little too fat to slip easy into the guide built into the top of the GearCam-DVR. I sanded it down to about $1/16$ " but I want the rest of the pieces I cut from the stick to be the thicker $3/32$ " for structural reasons.



Here is the sanded down section that is about 1/16" by 1/4" sliding into the GearCa-DVR guide.



Next I used the guide to help me glue the top T-part on. I carefully used CA glue only on the left and right sides, none in the center. This way no glue would get into the GearCam's Guide path and ruin it. I left this set for about an hour just to be sure all glue was dry.



Now I pull the T-rail out of the GearCam and cut a 6-1/4" long section to glue the T-tail onto to make an I-beam mount. I let this dry an hour.



Now I used small RC servo screws to screw the I-Beam mount onto the rocket. You could glue the I-beam on a rocket as well, even a small BT-60 sized rocket.

