



## SWX1 Artillery Sidewinder CraneCam Mount for JoyAccess Camera



All4Off

[VIEW IN BROWSER](#)

updated 17. 1. 2024 | published 17. 1. 2024

### Summary

Mount for the JoyAccess camera (or similar) on a Sidewinder SWX1 printer.

[3D Printers](#) > [Other Printer Parts & Upgrades](#)

Tags: [camera](#) [cameramount](#) [artillery](#) [crane](#)  
[artillerysidewinder](#) [sidewinderx1](#) [swx1](#)

This is a camera mount for the JoyAccess camera (or similar) on a SWX1 Artillery Sidewinder printer. It gives the camera a low vantage point towards the nozzle and travels on the Z axis so it rises with the print's progression. It also has an integrated USB cable channel. It's pretty stiff in order to handle higher speeds and accelerations than OEM. The part is held in place with four M5 bolts on the end of the X axis beam. It can be printed on 300mm bed diagonally. No supports needed.

It was inspired in part by <https://www.printables.com/model/382708-c270-mount-artillery-sidewinder>.

BOM:

2x M5 x 8mm (top)

2x M5 x 12mm (bottom)

1x M3 x 5mm (camera)  
4x 3030 T nuts

Camera: <http://www.joyaccess.cn/product/detail/184.html>

If you prefer a top-down view:

<https://www.printables.com/model/726555-swx1-artillery-sidewinder-top-down-joyaccess-or-si>

## Model files



swx1\_cranecam\_mount.stl

## License

This work is licensed under a  
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc-sa/4.0/)



**Attribution—Noncommercial—Share Alike**

- 
- ✗ | Sharing without ATTRIBUTION
  - ✓ | Remix Culture allowed
  - ✗ | Commercial Use
  - ✗ | Free Cultural Works
  - ✗ | Meets Open Definition