



20x20mm V-Slot extrusion adapters for Parallax Arlo Robot

 vatbrain

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updated 14. 12. 2022 | published 14. 12. 2022

Summary

This is a set of adapters for the Parallax Arlo Robot that allow 20mm V-Slot extrusion to be mounted vertically...

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This is a set of adapters for the Parallax Arlo Robot that allow 20mm V-Slot extrusion to be mounted vertically through the 35mm (approximately) holes in the Arlo Robot's plates.

Adapter mounting holes are sized for M5 machine screws.

Attribution: The short GoPro knobs shown in the second photograph are these: <https://www.thingiverse.com/thing:252554>

The file "Arlo35mmhole20x20mntVdrill_template.stl" is a thinner version of the adapters that may be useful for performing quick test-fits and marking the holes to be drilled in the Arlo plates,

UPDATE 190420: Added adapter with four cable pass-through semi-circles.

UPDATE 190705: Added adapter with single tab for securing extrusion and three cable pass-throughs.

Print Settings

Printer Brand:

Prusa

Printer:

i3 MK2S

Rafts:

No

Supports:

No

Resolution:

0.2 mm

Infill:

20%

Filament: Inland PETG

Category: Robotics

Model files



arlo35mmhole20x20mntv5_4passthru.stl



arlo35mmhole20x20mntv2pt.stl



arlo35mmhole20x20mntv5_3passthru1tab.stl



arlo35mmhole20x20mntv5ptwflanges.stl



arlo35mmhole20x20mntv2bstopplate.stl



arlo35mmhole20x20mntvdrill_template.stl

[Find source .stl files on Thingiverse.com](#)

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