



Star Trek ODN/ medical scanner



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updated 29. 5. 2024 | published 29. 5. 2024

Summary

Build the ODN/medical scanner from DS9 and Voyager!

[Costumes & Accessories](#) > [Props](#)

Tags: [cosplay](#) [engineering](#) [starfleet](#) [startrek](#) [medical](#)
[scanner](#) [startrekvoyager](#) [startrekds9](#)

This is a modified version of the great ODN/medical scanner created by thingiverse user BiancaW. However, the top sensor array and front panel surface weren't exactly screen accurate, so I fixed these issues and redesigned them. For easier assembly with less painting I separated some of the buttons/panels (and new sensor elements) from the main body.

I recommend printing the sensor rod and the LEDs in clear filament (clear PLA/PETG) with 100% infill.

I also added screen graphics (PDF) for both engineering and medical application. Trim as need for best fit. Make sure to print the PDF in actual size (not fit-to-page) for the graphics to fit the display. The graphics were created by Adge's LCARS site: <http://www.lcars.org.uk/index.php> Thanks to them for their amazing work!

Many thanks as well to BiancaW for uploading the original model!

Update February 11th 2024:

I have uploaded a new, fully colour-separated version of this model, which you can find in the folder "odn scanner fully separated". These new files make it possible to build the kit without any painting at all!

However, I haven't had the chance to test-print the updated components so far, so I'm not entirely sure about the tolerances. Please let me know if there should be any fitting issues and I will modify the files as soon as possible.

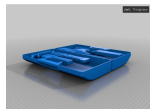
The old files can now be found in the folder "odn scanner partly separated".

Update May 29th 2024:

In case you're planning to build the fully separated version and want to have the main piece ("head" and "handle") as one connected part, check out this amazing remix by fellow user thepicspartan:

<https://www.printables.com/model/895319-odn-medical-scanner-body-fused>

This remix is based on



Star Trek Engineering Tool Kit

by BiancaW

Model files

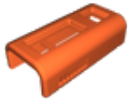


odn scanner fully separated

14 files



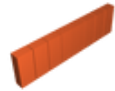
odn-scanner-head-main-part.stl



odn-scanner-head-top-part.stl



odn-scanner-sensor-array-panels.stl



odn-scanner-head-leds.stl



odn-scanner-button.stl



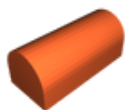
odn-scanner-button-panel.stl



odn-scanner-small-panel.stl



odn-scanner-sensor-blocks.stl



odn-scanner-sensor-tube.stl



odn-scanner-handle-main-part.stl



odn-scanner-handle-outer-part.stl



odn-scanner-handle-front-grip.stl



odn-scanner-handle-back-grip.stl



odn-scanner-handle-small-button.stl



odn scanner partly separated

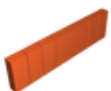
9 files



odn-scanner-head.stl



odn-scanner-sensor-array-panels.stl



odn-scanner-head-leds.stl



odn-scanner-button.stl



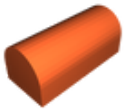
odn-scanner-button-panel.stl



odn-scanner-small-panel.stl



odn-scanner-sensor-blocks.stl



odn-scanner-sensor-tube.stl



odn-scanner-handle.stl

Other files

odn-scanner-graphics-sized.pdf

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