

## **Welcome to the official release of the PVS-69 OMEGA.**

PVS-69 OMEGA is the 4th generation night vision housing in the 69 lineup ALPHA features a lightweight yet durable housing with an assembly cost of around \$100 not including electronics/tube

OMEGA is intended to be an analog/digital housing. depending on your budget you can build it either way.

OMEGA accepts MX-10160 format tubes or the MX-69 Digital image intensifier tube (DIIT).

Before I get into the parts list you can save yourself some money and hassle by just ordering a hardware kit on [vonscherfarms.com](https://vonscherfarms.com) the hardware kit comes with everything you need except the cams and displays.

### **Parts list.**

1x Pushbutton switch

<https://amzn.to/3KjFyl2>

2x leaf connector.

[https://www.digikey.com/en/products/detail/harwin-inc/S1761-46R/3728117?utm\\_medium=email&utm\\_source=oce&utm\\_campaign=4251\\_OCE22RT&utm\\_content=productdetail\\_US&utm\\_cid=3364715&so=79008458&mkt\\_tok=MDI4LVNYSy01MDcAAAGIfd1T6fnkkL8NJDOJRinSx1vh9dnhIINw2Y1bYghJ7wcMj-GoAH0maJPkp0pcGx3uOWwrfYj783DADxEZEJ3iw5IyaO8uF1ZmlKNqyDHe](https://www.digikey.com/en/products/detail/harwin-inc/S1761-46R/3728117?utm_medium=email&utm_source=oce&utm_campaign=4251_OCE22RT&utm_content=productdetail_US&utm_cid=3364715&so=79008458&mkt_tok=MDI4LVNYSy01MDcAAAGIfd1T6fnkkL8NJDOJRinSx1vh9dnhIINw2Y1bYghJ7wcMj-GoAH0maJPkp0pcGx3uOWwrfYj783DADxEZEJ3iw5IyaO8uF1ZmlKNqyDHe)

1x PVS-14 eyepiece. these can get rather expensive but the Chinese ones work well.

<https://vonscherfarms.com/>

1x objective lenses. if you're using analog you will use PVS-14 lenses. if you're going digital use the 8mm CS lens or use the 8mm PVS-14 lens available on Alibaba or my website

<https://vonscherfarms.com/>

all lenses can be bought on [vonscherfarms.com](https://vonscherfarms.com) for cheaper than alibaba

### **PCBs.**

the files are in zipped folders. drop those zip files into JLCPCB Oshpark or PCBway and order them. you will need 2 sets of tube pcbs and 1 bridge pcb