



# The Ventenna Company LLC

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## Porch-Mounted Ventennas

We've had a number of people in the situation of needing to set up their Ventenna on a balcony or porch. What we recommend is to get a piece of 1.5" ABS plastic pipe, and install it in the corner of the balcony railing, as the support pipe for the Ventenna. This pipe should be about 8" taller than your railing. We recommend ABS because this is the same material that the Ventenna is made from, and is very strong, but PVC pipe would work as well.

While you are at your local home improvement store, getting the pipe, get a package of black Tie-Wraps to use to tie the pipe to your railing. And, if the top bar of the railing is substantially wider than the support posts, you may also need a couple of small blocks of wood to space the support pipe away from the post, so that it is vertical.

Then, Tie-Wrap the pole to the railing (put the "lumps" in the Tie-Wraps to the inside, so they don't show), install the Ventenna on top, and you will be set.

If the porch railing is painted anything other than black, paint the Ventenna, the support post and the wood blocks to match the railing (non-metallic paint only on the Ventenna), so that it looks like it is supposed to be there.

If you want to get really fancy, make a second Ventenna-like structure in the other corner of the balcony, and paint it the same way. This way, you can claim that the structures are "decorative additions" to your balcony.

And, when it's all done, send us some pictures. We'd love to put your setup in the Ventenna "Gallery of Stealth" on the Ventenna website.

**An important comment on safety** – because this porch placement of the antenna puts it in a position where people could be in close proximity to the RF field, we recommend that you use the lowest possible power setting on your radio which will allow you to communicate clearly. For more information on this subject, see the writeup and links on the Ventenna web page, at "<http://www.ventenna.com/RF-Safety.html>".