

Digitarium Alpha 2, Alpha 2+, or Gamma Fixed system positioning in a fixed dome.

The Digitarium projection angle is 175 degrees.

Note that the lens is not centered on the Digitarium frame.

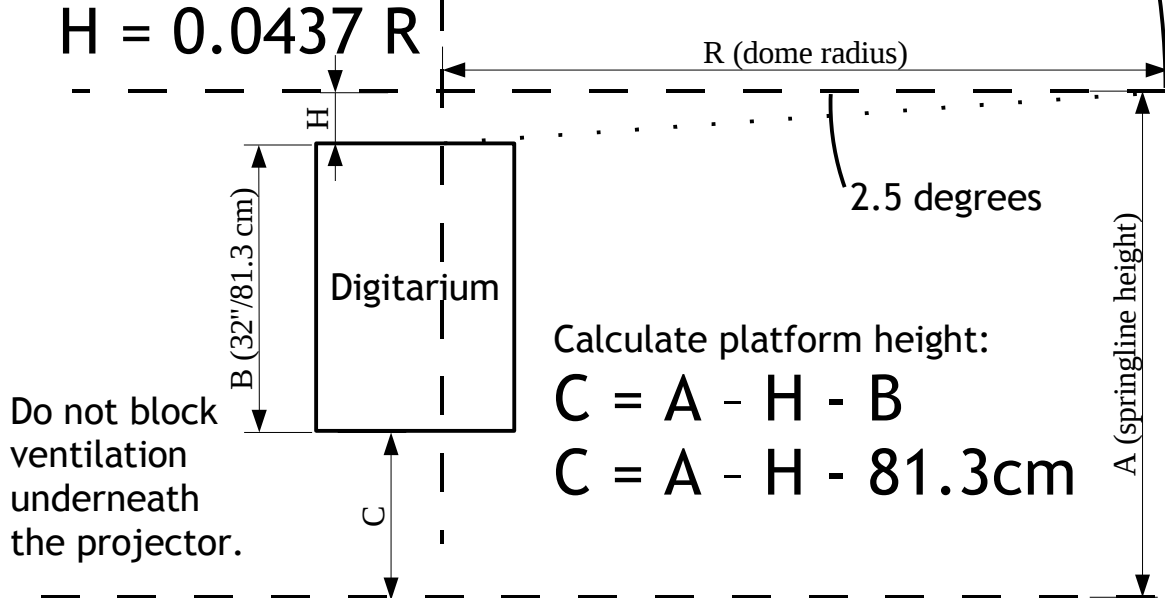
Bolts should be used to secure the frame to a solid mounting platform.

Calculate lens offset below springline:

$$H = R \tan 2.5$$

$$H = 0.0437 R$$

You might add a little height to your platform to start projection the same distance above the springline.



Example: a 10m diameter dome would have $H = 5\text{m} * 0.0437 = 0.219\text{m} = 219\text{mm}$