

Question: How can I calculate the size of the VESA mount bracket needed for my CCTV monitor?

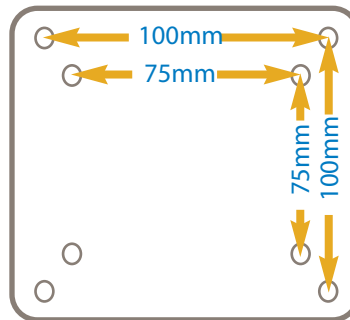
Answer: Simply, measure the distance between the mounting holes on the rear of the monitor in millimetres.

A great number of monitors are compliant with the VESA standard. Manufacturers of monitors have agreed on a industry interface standard, which means a hole pattern on the back of the monitor, screen or display that fits any mounting device whether for VESA wall mounts, desktop or ceiling mounts. The following summarizes VESA standard mounting hole patterns that are used today.

For smaller and medium flat panels, LCD monitors and screens from 12" to 22.9" diagonal, and weight range up to 30.8 lbs (14 kg):

75mm x 75 mm or 100 mm x 100 mm
(2.95" x 2.95" or 3.94" x 3.94")

For smaller LCD's up to 22" this will often be 75mm or 100mm centres, which mean you need a 75 or 100 VESA bracket.

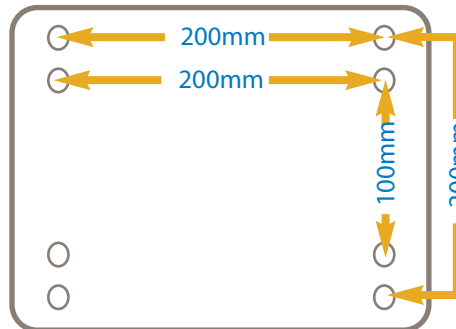


Measurements:
100 x 100mm
75 x 75mm
VESA Mount:
75 or 100

For larger monitors with viewing screen from 23" to 30.9" diagonal, weight range up to 50 lbs:
VESA 200mm x 100mm and 200mm x 200mm

For large Plasma screens and LCD displays 31" to 90" diagonal, but weights not greater than 250 lbs.

There are various hole patterns in 200 mm increments:
400mm x 200mm, or 600mm x 400mm,
or 800mm x 400mm



Measurements:
200 x 200mm
200 x 100mm
VESA Mount:
200 or 200x100

What does the term, VESA, stand for and what is the focus of the VESA mount guidelines? The initials, VESA, stands for Video Electronics Standards Association. This is an international non-profit corporation, which represents more than 300 corporate members worldwide. The corporation promotes and develops timely, relevant, open standards for the display and display interface industry, ensuring interoperability and encouraging innovation and market growth. The standards provide specific guidelines of the mounting hole pattern placement, screw size, and guidelines for the mounting pad or mounting apparatus to be utilized by equipment manufacturers based on a the size of the screen and monitor's weight.

This CCTV installation tip is aimed at helping you to install CCTV equipment. If you are looking for answers on "how to fit CCTV" or perhaps "how to network a DVR or NVR" or even "how to get CCTV on your mobile phone" why not check out our full range of CCTV installation tips at: www.systemq.com

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