

## 6 KEY CONSIDERATIONS WHEN SHOPPING FOR

# MONITORS

Every modern workplace needs monitors, whether for staff and facility usage, customer-facing signage, or plenty of other reasons. But buying the best screens for your needs involves more than just looking at price.

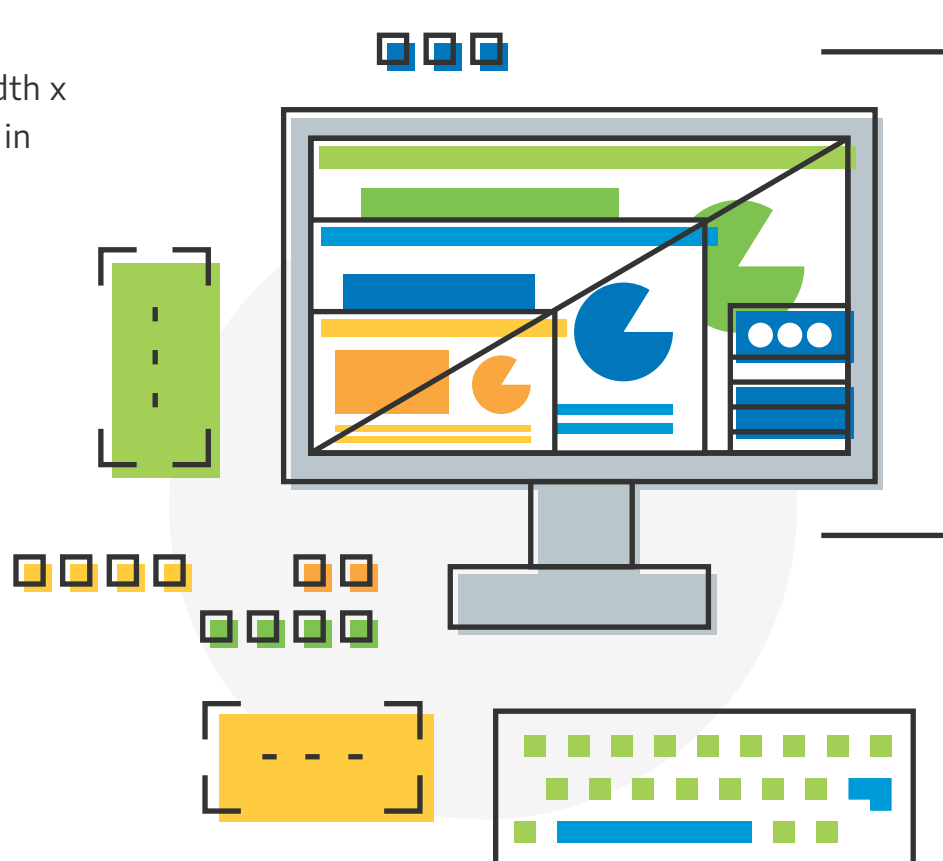
**Here are some of the most important factors to consider before making your choice of monitors:**

## RESOLUTION, RESOLUTION, RESOLUTION

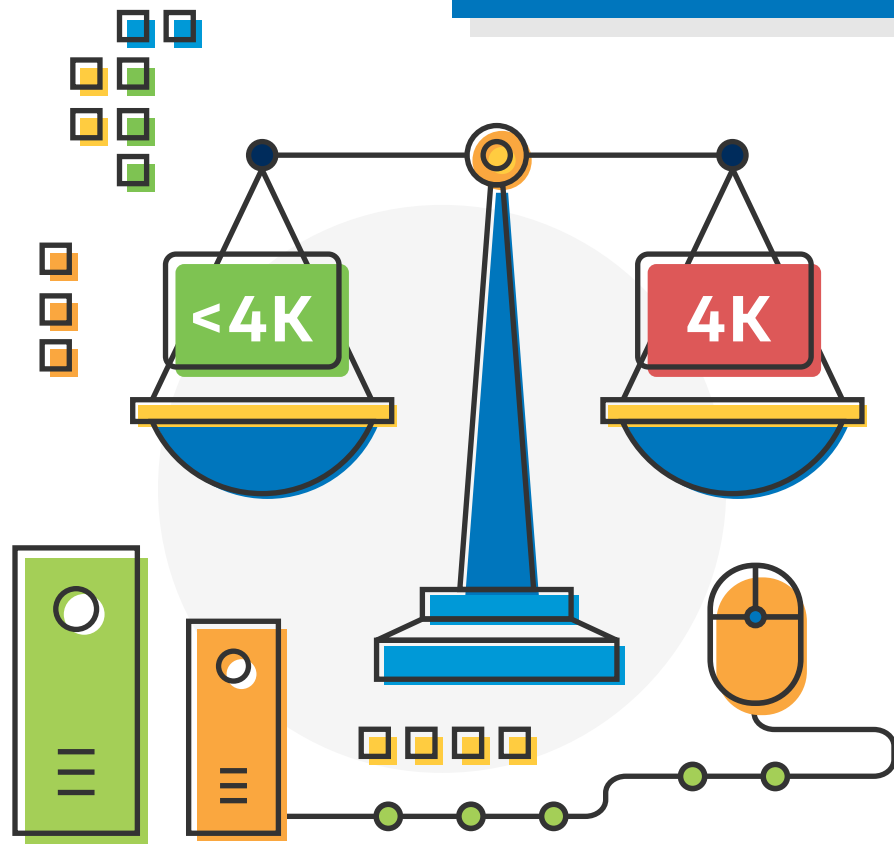
Resolution—number of pixels in width x height format—plays a huge role in determining image quality.

For a standard computer screen, you want a maximum internal resolution of at least 1920 x 1080, even if you set it lower (1366 x 768).

Large format or medical monitors that demand perfect clarity, meanwhile, can require resolution as high as 3840 x 2160.



## TO 4K OR NOT TO 4K



4K Ultra HD video is certainly attractive—and if buying a large format monitor (34" wide or more) you might as well make it a 4K-equipped one.

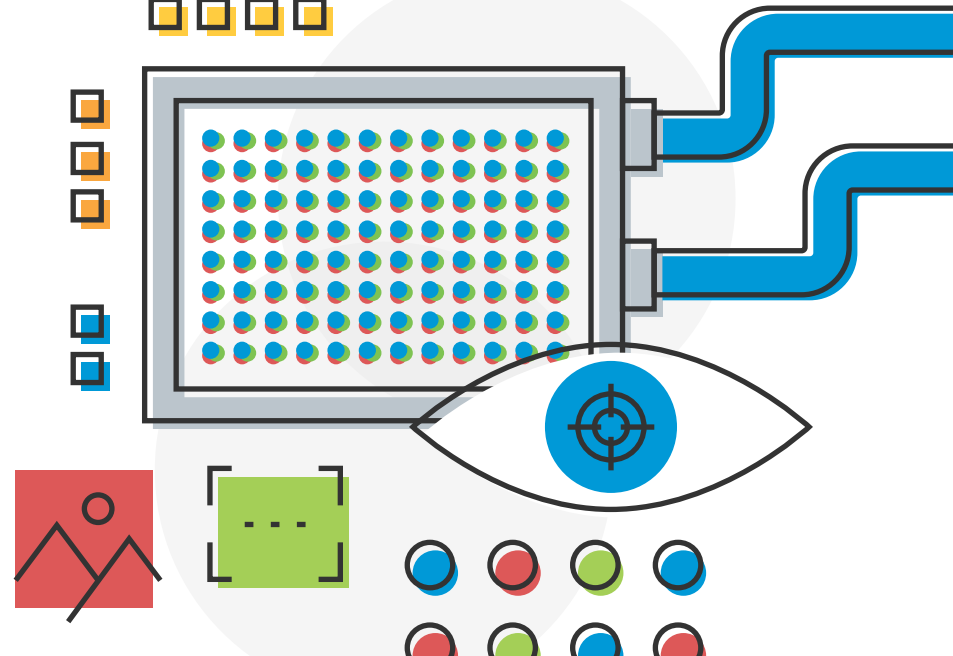
But if you don't need screens that big, 4K isn't as important—because it won't be as effective. Consider HDR instead, which offers similar image beauty without requiring a large monitor.

## LCD-LED IS THE WAY TO GO

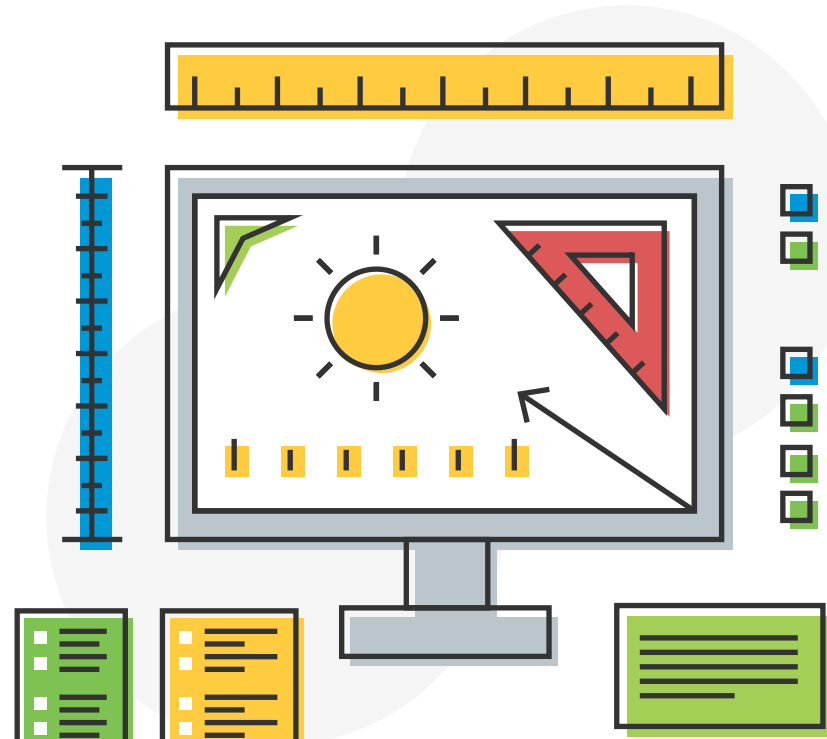
There used to be real debate between LCD and plasma partisans in terms of which had the best HD visuals.

**Today, it's over—LCD won.**

The addition of LED backlighting to LCD HD monitors provides exceptional image quality and contrast without excessive power consumption. For large format monitors and signage, LCD-LED is a must.



## EXAMINE PERFORMANCE SPECS



Look for optimal response time and refresh rate—10 ms and 60 Hz for standard computer monitors, under 5 ms and 120 Hz or more for large displays and signage.

Standard monitor brightness can be around 250 cd/m<sup>2</sup>, while signage should be 450-500 cd/m<sup>2</sup>.

**Dot pitch should be under 0.2 mm.**

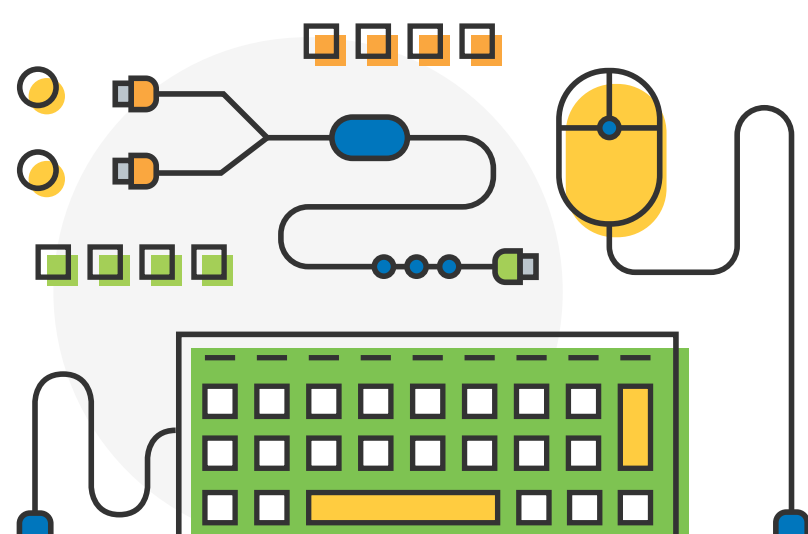
## PURCHASE ACCORDING TO PURPOSE

Buy monitors according to the needs of your business—no more and no less.

For example: If your organization doesn't need large format screens, why pay more for the size? On the other hand, you won't meet your retail signage requirements with standard computer monitors.



## ACCESSORIZE APPROPRIATELY



Don't forget to equip your business with the necessary complementary tools to optimize the performance of your monitors—video splitters and extenders, glare filters, privacy screens, adapters, cables, and so on.

Connection carries a wide variety of monitors and related accessories for all business needs, at SMB or enterprise scale. For a comprehensive look into everything you need to know about buying monitors, be sure to download our latest Buying Guide!