



Grow and Learn in a Healthy Space

State-of-the-art displays and ergonomic designs team up with new health technologies like germ-resistant, eye-care monitors and air quality sensors to create smart and fresh learning spaces.



BenQ
Education



LowBlueLight⁺



ClassroomCare[®]



SIAA
ISO 22196
for KOHKIN

eyesafe[®]

CERTIFIED



Smart Eye-care Protection

Too much screen time and exposure to blue light can harm the eyes. Smart Eye-Care Protection is designed to reduce digital eye strain for teachers and students.



Low Blue-Light Filter



Flicker-Free Technology



Anti-Glare Glass Display

Best Monitors to Reduce Eye Strain

Computer monitor usage time is up and so is the number of people dealing with the side effects. You know the culprits: eye strain, headaches, blurred vision, and a loss of productivity. BenQ is an industry-leader in eye-care technologies that focus on eye relief. In fact, we are the first LCD monitor manufacturer to earn TOV Rheinland eye-care certifications.

Let's look at how different users can benefit from BenQ eye-care tech. First, we'll go over common problems from computer usage. Next, there's an overview of the types of tech and why they matter. There's Flicker-free, Low Blue Light, and Brightness Intelligence, along with some new innovations. Along the way, we'll talk about the best eye-care monitors for a variety of uses.

Digital Eye Strain

Digital eye strain is also known as CVS (Computer Vision Syndrome). It's the collection of ailments that stem from extended digital screen usage. There's a good chance you've experienced some of them:

- Eye strain
- Productivity loss
- Headaches
- Sleep disruption
- Dry or watery eyes
- Blurred vision

These symptoms occur most in people who spend long periods in front of screens. Length of use and type of use should factor into your buying decision.



Low Blue Light Technology



Light is divided into visible light and invisible light across a broad spectrum. Short-wave blue light can penetrate the cornea and damage the retina. Low Blue Light tech filters the harmful part of that spectrum to protect your eyes.

There are a lot of low blue light solutions, including low blue light glasses, specialized light bulbs, after-market blue light filters, and more. Each has its own positives and negatives. BenQ eye-care monitors equip you with the ability to filter blue light in ways specific to your usage.

There are multiple settings to choose from. Simply select the option that matches your usage from the OSD (On Screen Display). For example, BL2780 computer monitor offers task-specific Low Blue Light modes. If you're working from home or doing homework, you'll select "Office." Once you're done, take advantage of visual enjoyment with truly authentic colors and sharper details.

Brightness Intelligence Plus

Intelligent brightness? Yes. This innovative tech debuted in 2018 and changed the monitor-viewing experience forever.

It starts with a nearly-hidden sensor, tucked along the bottom bezel of BenQ monitors with 8.1+. That tiny workhorse is looking out for your eyes in two ways.





Firstly, it assesses external ambient light. This is the amount of light in the space around the monitor. Secondly, it evaluates the content on your screen. This is where it gets really cool.

Detect the ambient light and adjust the brightness.



Light Environment



Dark Environment

Your BenQ eye-care monitor with Brightness Intelligence Plus processes the information about the conditions around and on your screen, then optimizes it for the most comfortable viewing experience for you and your eyes. This shows up as increased brightness in dark regions of your on screen display without washing out detail in the brighter areas. It also impacts color temperature. Think warm white tones with hints of yellow/orange in bright lighting, and cooler, bluish tones when your space is dim.

The resulting image is clear, balanced, and easy on the eyes in every way. This adaptable, integrated feature cannot be replicated by low blue light glasses, bulbs, or filters – making it a game changer for BenQ monitor users. Monitors like BL2485TC and BL2785TC also have this benefit built in.



Flicker-Free Eye Protection



Monitor screens can flicker up to 250 times per second. That's millions of times over an 8-hour day. Long exposure to this flickering can lead to fatigue, headaches, and blurred vision. Flicker-free technology eliminates the source of the flickers and, therefore, the problems they cause. Every BenQ monitor comes equipped with Flicker-free to ensure eye comfort for all. Who benefits most from this feature? Anyone who doesn't want to be bothered, distracted, and frustrated by flickers. This spans everything from general use computer monitors like GW2480 to graphic design, and photo and video-editing displays like PD3220U.

BenQ's Latest eye-care Tech

BenQ continues to fuel innovation in the eye care monitor market. Take a closer look at these latest debuts:

ePaper Mode - simulates an eBook effect for comfortable reading.

Color Weakness Mode - uses filters to help people with red/green color perception deficiency distinguish between colors.

Eye Reminder - gives reminders in preset time increments to take breaks to rest your eyes.



Smart Eye-care Protection

However, you add it to your screen time, eye-care of some kind can improve comfort, productivity, and even sleep. So, pun intended, it's worth taking a look at. Your solution depends on how and how much you use your monitor. Sometimes, an off-the-shelf fix will meet your needs just fine. If, however, they don't, BenQ eye-care monitors offer integrated tech to make sure looking at your display isn't an eyesore in any way.

Germ-resistant Touch Screen

With higher concentrations of nano-ionic silver compounds cured together with anti-glare coating and tempered glass, the touch screen resists bacteria better than ever.





Indoor Air Quality Monitoring

Air Quality Sensors help measure CO₂, PM_{2.5}, PM₁₀, and formaldehyde levels along with temperature and humidity, monitoring classroom ventilation to keep the learning environment healthy at all times.







Air-purifying Air Ioniser*

Purify the air around the interactive displays with an ioniser that automatically clears impurities when pollutant levels rise.

*Available on selected products.



Eye-care technology for interactive displays and monitors

Eye-care Protection	BenQ ClassroomCare [®] Interactive Displays	
Low blue lights *	 	
Flicker-free		TÜV Test Confirmed
Anti-glare	Yes	
Auto screen backlight adjustment	Radar Motion Sensor	 Brightness Intelligence(Plus) Technology
Ergonomic design	Wall Mount/ Trolley	Height Adjustment Stand
Variety of screen size	65", 75", 86"	24", 27"

*Eyesafe certified available for selected products.