

BENQ RM5501K



DESCRIPTION

4K UHD 55 Education Interactive Flat Panel Display | RM5501K

Your Caring Mate for Enhanced Interactive Learning

The RM5501K is designed to tap into the dynamic possibilities of the classroom and help teachers build a healthy and engaging learning environment. Not only does the RM5501K come with the Eye-Care solution, but it is also installed with proficient annotation tools for enhanced class participation. RM5501K is your ultimate interactive display to achieve a touch-enhanced, smooth and fun learning experience.

Ultra-Smooth Handwriting Enhances Collaborative Learning

With the continuous advancement of our touchscreen technology, RM5501K offers precise positioning to guarantee a streamlined and ultra-smooth handwriting experience that can effectively enhance class interaction and student participation.

Dual Pens for Simultaneous Collaboration with Two Different Colors

RM5501K comes with dual pens that allow two users to write or draw with different colors simultaneously, making it ideal for lively classroom activities. Additionally, teachers can now create a more engaging learning experience by using two pens to write and highlight with two different colors, eliminating the need to change colors in a traditional classroom scenario.

Flexible Display of Brush Mode for Creative Education

The advanced touchscreen (IR touch) technology equips RM5501K with the capability of naturally displaying different stroke thickness based on different types of tools used to write or draw on the screen, offering educators and students a more natural writing experience. RM5501K is capable of detecting strokes created with fingers, the IFP stylus, watercolor brush or even pencil. This unique feature makes RM5501K ideal for drawing or artistic creation in art classes.

Eye-Care Solution

TÜV-Certified Low Blue Light Technology

Blue light emissions from displays may cause adverse health effects such as macular degeneration or disrupted melatonin secretion. BenQ's Low Blue Light technology minimizes blue light exposure and allows for healthier time spent in front of the display, helping you create the best and most comfortable viewing experience for you and your students.

TÜV-Certified Flicker-Free Technology

Flickering, which is the main cause for eye strain and visual fatigue, is the result of rapid change of bright backlight, a common phenomenon in most displays using Pulse Width Modulation (PWM) that turns the backlight on and off quickly in order to control the displays level of backlight brightness. BenQs Flicker-Free technology is meticulously designed to remove LED backlight flickering while providing a zero-flicker viewing experience. This effectively reduces CVS-related eye problems and alleviates discomfort caused by looking at the screen all day.

Anti-Glare Display

Screen glare can cause reflected images on the screen, making it challenging for students to see, take notes, and remain focused. The RM5501Ks anti-glare glass surface can effectively reduce reflections, freeing students from excessive squinting with more legible text and clearer images, avoiding eye strain and facilitating more effective instruction.

Foster Active Learning & Collaborative Interaction EZWrite 4.1 Lite : An Easy and Fun Annotation Solution

Intelligent Handwriting Recognition

The RM5501Ks handwriting recognition feature allows presenters to simultaneously convert written text, numbers, forms, and drawings into legible materials without having to switch modes while effectively facilitating smooth teaching flow.

Floating Tool

EZWrite 4.1's floating toolbar is compatible with any input source and Android applications. The floating on-screen menu lets you immediately access a range of functions, including screen capture, eraser, pen and whiteboard by placing two fingers on the screen. It helps increase learning efficiency in the classroom.

Access Diverse Files on the Fly

EZWrite 4.1 Lite directly opens a wide range of files, and image files for convenient annotations in productive meetings without the need for external PCs.

Data-to-Go

Save annotations as .pdf or .png files and share them as review materials through QR code, print, USB drive, or IFP's internal memory.

Tool Box

Tool Box is the all-in-one place that offers a wide range of useful teaching tools, including calculator, geometry, and team post to facilitate truly interactive lectures.

Wireless Solution for Seamless Collaboration

InstaQShare is the software designed for seamless wireless presentation and collaboration during lectures. It allows the smooth streaming of visual, audio files and Full HD quality videos. Users can also mirror content from mobile

TECHNICAL CHARACTERISTICS

Brand : BENQ

Part number : 9H.F4RTK.DE2

Représentation / réalisation :

NVIDIA G-SYNC : N

AMD FreeSync : N

Connectivité :

HDMI : Y

Design :

Certification : CE
AC input frequency : 50 - 60 Hz
AC input voltage : 100 - 240 V
Aspect ratio : 16:9
Audio input : Y
Audio output : Y
Backlight type : Direct LED
Batteries included : Y
Built-in microphone : Y
Built-in speaker(s) : Y
Cables included : AC, USB, VGA
Contrast ratio (typical) : 1200:1
Depth (without stand) : 13 cm
Display brightness : 350 cd/m²
Display diagonal : 139.7 cm (55«)
Display diagonal (metric) : 139.7 cm
Display resolution : 3840 x 2160 pixels
Energy efficiency class (old) : B
Ethernet LAN (RJ-45) ports : 1
Glass thickness : 4 mm
HD type : 4K Ultra HD
HDD capacity : 32 GB
HDMI ports quantity : 5
Height (without stand) : 84.3 cm
Linux operating systems supported : Y
Mobile High-Definition Link (MHL) : Y
Mobile operating systems supported : Y
Number of simultaneous touchpoints : 20
Number of speakers : 2
Operating relative humidity (H-H) : 20 - 80%
Operating system installed : Android
Operating system version : 5.0.1
Operating temperature (T-T) : 0 - 40 °C
Panel mounting interface : 300 x 300 mm
Panel type : IPS
Pixel pitch : 0.315 x 0.315 mm
Placement supported : Horizontal
Power consumption (max) : 200 W
Power consumption (standby) : 0.5 W
Power consumption (typical) : 124 W
Power supply type : AC
Product colour : Black, Grey
Quick start guide : Y
Remote control included : Y
Response time : 8 ms
RMS rated power : 40 W
RS-232 ports : 1
Screen shape : Flat
Storage relative humidity (H-H) : 10 - 60%
Storage temperature (T-T) : -10 - 60 °C
Stylus included : Y
Touchscreen : Y

Touchscreen technology : Infrared
USB 2:0 Type-A ports quantity : 2
USB 3:2 Gen 1 (3:1 Gen 1) Type-A ports quantity : 2
USB Touch port : Y
USB Touch ports quantity : 1
VGA (D-Sub) ports quantity : 1
Viewing angle, horizontal : 178°
Viewing angle, vertical : 178°
Wall mountable : Y
Weight (without stand) : 44.4 kg
Width (without stand) : 130.2 cm
Windows operating systems supported : Y