

# RP553K 4K UHD 55" Education Interactive Flat Panel

## Specifications



### Create a Riskless Visual Experience in Class

#### • Eye-Care Solution

TÜV-certified Flicker-Free technology removes LED backlight flickering and brings a zero flickering viewing experience.

TÜV-certified Low Blue Light technology minimizes blue light exposure to reduce eye strain and prevent more critical eye conditions such as macular degeneration or disrupted melatonin secretion.

Anti-Glare Display reduces reflection for more legible text and clearer images.

### Foster Active Learning & Collaborative Interaction: EZWrite 4.0 Lite

EZWrite 4.0 Lite, pre-installed exclusively on BenQ's IFPs, is the ultimate annotation app designed to facilitate interactive learning with a tap. It offers multiple features, including MS Office compatibility, handwriting recognition, collaboration tools and sharing through QR code/ print/ email.

### Facilitate Teaching Flow with Friendly Design

#### • Freeze and Blank

**Blank** to darken the screen so students can remain focused on teachers' instructions.

**Freeze** to pause the screen so teachers can capture certain segments from videos or highlight on the screen (through the remote control or hotkey)

#### • Floating Toolbar

The floating toolbar of EZWrite 4.0 Lite is compatible with any input source and Android™ applications. The floating on-screen menu lets you immediately access a range of functions, including recording, print screen, eraser, pen and whiteboard.

#### • Front-Facing Speaker

The two front-facing, 20W speakers create better sound transmission and bring more audiovisual enjoyment to interactive learning.

#### • InstaQShare Wireless Solution

InstaQShare is the software designed for seamless wireless interaction and collaboration in classrooms. It allows the smooth streaming of a wide range of visual, audio files and Full HD quality videos. Users can also mirror content from mobile devices, and invite up to 16 participants for seamless collaboration.

### Enable Efficient Display Management: MDA Software (LAN only)

#### • MDA Software

Multiple Display Administrator (MDA) allows corporate IT personnel to remotely control the general display settings of IFPs and schedule their on/off times, which helps to create hassle-free maintenance for IT personnel.

#### • Over-the-Air Update (OTA)

Upgrade your displays with the latest BenQ firmware via BenQ's OTA update support to keep them running smoothly at all times.

|                     | Model                                | RP553K  |
|---------------------|--------------------------------------|---|
| Panel               | Screen Size                          | 55"   |
|                     | Backlight / Lightsource              | DLED  |
|                     | Resolution (Pixels)                  | UHD 3840x2160 pixels  |
|                     | Brightness (Typical)                 | 350 nits  |
|                     | Contrast Ratio (Typical)             | 1,200:1   |
|                     | Viewing Angle (Horizontal/Vertical)  | 178°/178°   |
|                     | Response Time (ms)                   | 6ms   |
|                     | Color Gamut (x% NTSC)                | 65%   |
|                     | Panel Bit (8 or 10)                  | 10 bit  |
|                     | Light Life (Typical)                 | 30,000 hours  |
| Display Orientation | Landscape                            |   |
| Glass               | Tempered Glass                       | 4mm, Tempered Glass   |
|                     | Anti-Glare (AG) Coating              | Yes   |
|                     | Germ-Resistant Screen                | N/A   |
| Touch               | Touch Technology                     | IR Touch  |
|                     | Numbers of Touch                     | Up to 10 Point Multi-touch  |
|                     | Resolution (Points Area Function)    | 32,767*32,767   |
|                     | Touch Interface                      | x4 (USB type B)   |
|                     | OS Supported                         | Windows 7/8/10/WinCE/Vista<br>Linux/Mac/Android/Chrome  |
| Audio               | Internal Speaker                     | 20Wx2   |
|                     | Line Out (Audio Out, 3.5mm)          | x1  |
|                     | Line In (3.5mm)                      | x1  |
|                     | MIC (3.5mm)                          | x1  |
|                     | Coax Output                          | N/A   |
| AC Power            |                                      |   |
|                     | Power (AC) Input                     | x1  |
|                     | Power Switch                         | x1  |
| Basic IO            |                                      |   |
| Connectivity        | VGA Input                            | x1  |
|                     | VGA Output                           | N/A   |
|                     | HDMI Input                           | x4 (2.0x1, 1.4x3)   |
|                     | HDMI Output                          | x1  |
|                     | Display Port                         | N/A   |
|                     | Slot-in-PC                           | N/A   |
|                     | OPS Slot                             | x1  |
|                     | Legacy IO                            |   |
|                     | Composite Video In                   | N/A   |
|                     | USB Player (Photo, Video)            | x4 (2.0x3, 3.0x1)   |
| Control             | RS232 Input                          | x1  |
|                     | RJ45 Port                            | x1  |
|                     | Firmware Update                      | USB/OTA   |
| Power               | Voltage                              | 100V-240V, 50/60Hz  |
|                     | Typical (Watt)                       | 170W  |
| Mechanical          | Weight (Without / With Packing) (kg) | 44kg/53kg   |
|                     | Dimension (WxHxD) (mm)               | 1292*833*110mm  |
|                     | Wall Mounting (VESA) (mm)            | 4 holes (300x300mm) Screw M6x 25mm  |
|                     | Handle                               | N/A   |
|                     | Pen Tray                             | x1  |
| RF                  | NFC Reader / Writer                  | N/A   |
| OSD                 | On-Screen Display Languages          | English/ French/ Spanish/ Portuguese/ Simplified Chinese/<br>Traditional Chinese/ German/ Dutch/ Polish/ Russian/<br>Czech/ Danish/ Swedish/ Italian/ Romanian/ Finnish/<br>Norwegian/ Greek/ Turkish/ Arabic/ Japanese<br>(21 Languages) |
| Package / Accessory | Remote Controller                    | x1  |
|                     | Power Cord (By Region)               | x4 (1.8m)   |
|                     | Audio Cable                          | N/A   |
|                     | VGA Cable                            | x1 (1.5m)   |
|                     | HDMI Cable                           | x1 (1.5m)   |
|                     | Quick Start Guide                    | x1  |
|                     | User's Manual Electronic File        | x1  |
|                     | USB Cable for Touch                  | x1 (3m)   |
|                     | Touch Pen (Stylus)                   | x2  |
|                     | Software License Card                | x1  |
| Optional            | Wall Mount                           | Yes   |
|                     | QCast HDMI Streaming Dongle          | Yes   |
|                     | USB Wi-Fi Dongle                     | N/A   |
|                     | Slot-in-PC                           | N/A   |
|                     | Trolley                              | Yes   |



Because it matters