

# RP654K 4K UHD 65"

## Education Interactive Flat Panel

## Specifications



### Create a Healthy Learning Environment

#### • Smart Eye Care Solution

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

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

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

The Smart Eye-Care solution can function intuitively with the help of the embedded motion sensor. When connected to devices running Android OS, IFPs will set the screen brightness for ease of viewing. When connected to PCs, IFPs will automatically activate the Flicker-Free and Low Blue Light features.

#### • Germ Resistant Screen

The Germ-Resistant Screen is empowered by a multilayer coating of the non-toxic, enduring nano ionic silver agent that kills most germs accumulating on screen surfaces and prevent cross-infection or epidemic in classrooms. The ionic silver's antimicrobial feature remains effective even after thorough cleaning or long periods of use.

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

EZWrite 4.0, 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, screen recording and collaboration tools.

### Facilitate Teaching Flow with Friendly Design

#### • Multi-Platform Compatibility

The interactive flat panels can work seamlessly with a wide range of computing and mobile devices running most major operating systems, from Windows to Mac, Linux and Chrome, through its plug-and-play feature.

#### • Built-in Speaker

The two embedded 16W front speakers create better sound transmission and bring more audiovisual enjoyment to interactive learning.

#### • Multiple Multimedia Device Connectivity

The RP series offers multiple ports, including 3 USB ports, slot-in-PC port, HDMI 2.0 and an HDMI out for enhanced performance and screen extension. Additionally, the repositioned side IO ports make plugging cords more convenient while avoiding any visual distraction.

#### • 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 people for seamless collaboration.

#### • Smart Account Management System (AMS)

In order to enforce privacy protection while ensuring convenience, BenQ's IFPs support multi-account management through NFC technology, which allows users to directly access their personal folders by simply scanning ID cards with the built-in sensor, as well as easily lock screens during recess.

\*Available in 2017 Q3.

#### • Parental Control

BenQ IFPs come with website control feature that blocks certain websites by configuring proxy server settings, which is useful for preventing students from accessing inappropriate content.

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

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

	Model	RP654K
Panel	Screen Size	65"
	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)	8ms
	Color Gamut (x% NTSC)	72%
	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	Yes
Touch	Touch Technology	IR Touch
	Numbers of Touch	10 points writing/ 20 points touching
	Resolution (Points Area Function)	32,767*32,767
	Touch Interface	USB (type B) x 2
Audio	OS Supported	Windows 8/Windows 7/Windows XP/Vista/Linux/Mac Android/Wince/Chrome
	Internal Speaker	16Wx2
	Earphone (3.5mm)	Yes
	Line In (3.5mm)	Yes
	MIC (3.5mm)	N/A
Connectivity	Coax Output	Yes
	AC Power	
	Power (AC) Input	Yes
	Power Switch	Yes
	Basic IO	
	VGA Input	Yes
	VGA Output	NA
	HDMI Input	HDMI (2.0x1, 1.4x2)
	HDMI Output	Yes
	Display Port	Yes (mini)
	Slot-in-PC	Yes
	OPS Slot	N/A
	Legacy IO	
	Composite Video In	Yes
	USB Player (Photo, Video)	Yes (x6: USB2.0x5, USB3.0x1)
	USB Port (USB Extender)	N/A
	Control	RS232 Input
RJ45 Port		Yes
Firmware Update		USB/OTA
Power	Voltage	100V-240V, 50/60Hz
	Maximum (Watt)	300W (without PC)
Mechanical	Weight (Without / With Packing) (kg)	49kg/61kg
	Dimension (WxHxD) (mm)	1,521x967x128mm
	Wall Mounting (VESA) (mm)	4 holes (600x400mm) Screw M8x 25mm
	Handle	Yes
RF	Pen Tray	Yes
	NFC Reader / Writer	Yes
OSD	On-Screen Display Languages	English/ French/ Spanish/ Portuguese/ Simplified Chinese/ Traditional Chinese/ German/ Dutch/ Polish/ Russian/ Czech/ Danish/ Swedish/ Italian/ Romanian/ Finnish/ Norwegian/ Greek/ Turkish/ Arabic/ Japanese (21 Languages)
Package / Accessory	Remote Controller	Yes
	Power Cord (By Region)	Yes
	Audio Cable	Yes
	VGA Cable	Yes
	Quick Start Guide	Yes
	User's Manual Electronic File	Yes
	Touch USB Cable	Yes
Touch Pen (Stylus)	Yes (x2)	
Optional	Software License Card	Yes
	Wall Mount	Yes
	QCast HDMI Streaming Dongle	Yes
	Trolley	Yes

Dealer's Stamp



Because it matters