RP704K 4K UHD 70"
Education Interactive Flat Panel

Create a Healthy Learning Environment

• Smart 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.

The Smart Eye-Care solution can function intuitively with the help of the embedded motion sensor. For a smooth and comfortable viewing experience, IFPs will automatically activate Flicker-Free and Low Blue Light features by detecting the movement of users close to the screen.

*For Android devices, BenQ's IFPs will automatically set screen backlight to a comfortable setting instead of switching to the Low Blue Light mode.

• 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, video 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.

• Front-Facing Speaker

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

• Multiple Multimedia Device Connectivity

The RP series offers multiple ports, including 6 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 cables 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 participants for seamless collaboration.

• Smart Account Management System (Smart AMS)

BenQ's IFPs support multi-account management through NFC technology, which allows users to directly access their personal system-setting and folders by simply scanning ID cards with the built-in sensor, as well as easily lock screens when not in use. Smart AMS also offers instant access to major cloud storage services without having to enter password.

*Available in 2017 Q4.

• 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 hassle-free maintenance.

Specifications

Model		RP704K
Panel	Screen Size	70"
	Backlight / Lightsource	DLED
	Resolution (Pixels)	UHD 3840x2160 pixels
	Brightness (Typical)	330 nits
	Contrast Ratio (Typical)	4,000:1
	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	Up to 20 Point Multi-touch
	Resolution (Points Area Function)	32,767*32,767
	Touch Interface	x2 (USB type B)
	OS Supported	Windows XP/7/8/10/ WinCE/Vista/Linux/Mac/Android/Chrome
Audio	Internal Speaker	16Wx2
	Line Out (Audio Out, 3.5mm)	x1
	Line In (3.5mm)	x1
	MIC (3.5mm)	N/A
	Coax Output	x1
Connectivity	**AC Power**	
	Power (AC) Input	x1
	Power Switch	x1
	Basic IO	
	VGA Input	x1
	VGA Output	N/A
	HDMI Input	x3 (2.0x1, 1.4x2)
	HDMI Output	x1
	Display Port	x1
	Slot-in-PC	x1
	OPS Slot	N/A
	Legacy IO	
	Composite Video In	x1
	USB Player (Photo, Video)	x6 (2.0x5, 3.0x1)
Control	RS232 Input	x1
	RJ45 Port	x1
	Firmware Update	USB/OTA
Power	Voltage	100V-240V, 50/60Hz
	Typical (Watt)	245W
Mechanical	Weight (Without / With Packing) (kg)	58kg/71kg
	Dimension (WxHxD) (mm)	1,638x1034x128mm
	Wall Mounting (VESA) (mm)	4 holes (600x400mm) Screw M8x 25mm
	Handle	x2
	Pen Tray	x1
RF	NFC Reader / Writer	x1
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	x1
	Power Cord (By Region)	x4 (1.8m)
	Audio Cable	x1 (5m)
	VGA Cable	x1 (5m)
	Quick Start Guide	x1
	User's Manual Electronic File	x1
	USB Cable for Touch	x1 (10m)
	Touch Pen (Stylus)	x2 (NFC)
	Software License Card	x1
Optional	Wall Mount	Yes
	QCast HDMI Streaming Dongle	Yes
	USB Wi-Fi Dongle	Yes
	Slot-in-PC	Yes
	Trolley	Yes

Dealer's Stamp

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