

RM8601K 4K UHD 86" | Education Interactive Flat Panel



Features

Ultra-Smooth Handwriting Enhances Collaborative Learning

RM8601K 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**

RM8601K 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 RM8601K 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. RM8601K is capable of detecting strokes created with fingers, the IFP stylus, watercolor brush or even pencil. This unique feature makes RM8601K ideal for drawing or artistic creation in art classes.

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 4.1 Lite

EZWrite 4.1 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, hand writing recognition, collaboration tools and sharing through e-mails, QR code, print and USB drive.

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 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 print screen, screen capture, eraser, pen and whiteboard by placing two fingers on the screen. It helps increase learning efficiency in the classroom.

- **Front-facing Speakers and External Microphone Compatibility**

RM8601K repositions the 20W audio speakers to the front, offering better sound transmission that elevates the level of audiovisual enjoyment during classes. Additionally, RM8601K comes with a Mic-In port that allows teachers to connect external microphones, further facilitating an impactful and effective learning experience for students.

- **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 and audio files, as well as Full HD quality videos. Users can also mirror content from mobile devices, and invite up to 16 participants for seamless collaboration.

Hassle-Free Maintenance

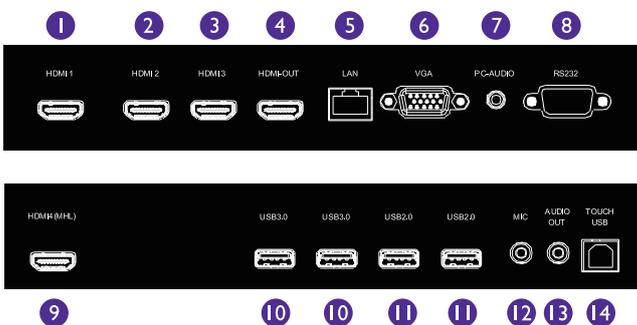
- **MDA Software**

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

- **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.

Input and Output Terminals



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|----------------------|---------------------------|
| 1 HDMI Input 1 (2.0) | 9 HDMI Input 4 (MHL)(2.0) |
| 2 HDMI Input 2 (2.0) | 10 USB 3.0 |
| 3 HDMI Input 3 (2.0) | 11 USB 2.0 |
| 4 HDMI Output | 12 Microphone |
| 5 LAN | 13 Audio output |
| 6 VGA Input | 14 Touch USB port |
| 7 Audio Input | |
| 8 RS232 Input | |



Specifications

		RM8601K	
panel	Screen Size	86"	
	Backlight / Lightsource	DLED	
	Resolution (Pixels)	UHD 3840x2160 pixels	
	Brightness (Typical)	400	
	Contrast Ratio (Typical)	1,200:1	
	Dynamic Contrast Ratio (Typical)	30,000:1	
	Viewing Angle (Horizontal/Vertical)	178° / 178°	
	Response Time (ms)	8ms	
	Color Gamut (x% NTSC)	65%	
	Panel Bit (8 or 10)	10 bit	
Glass	Light Life (Typical)	30,000 hours	
	Display Orientation	Landscape	
Touch	Tempered Glass	4mm, Tempered Glass	
	Anti-Glare (AG) Coating	Yes	
Touch	Touch Technology	IR Touch	
	Numbers of Touch	Up to 10 Point Multi-touch	
	Resolution (Points Area Function)	32,767*32,767	
Audio	Touch Interface	x1 (USB type B)	
	OS Supported	Windows XP/Vista/7/8/10/Linux/Mac/Android/Chrome	
	Internal Speaker	20Wx2	
	Line Out (Audio Out, 3.5mm)	x1	
	Line In (3.5mm)	x1	
	MIC (3.5mm)	x1	
	Connectivity	AC Power	
		Power (AC) Input	x1
		Power Switch	x1
		Basic IO	
VGA Input		x1	
HDMI Input		2.0x4 (MHLx1)	
HDMI Output		x1	
OPS Slot		x1	
Legacy IO			
USB Player (Photo, Video)		x4 (2.0x2, 3.0x2)	
Control	RS232 Input	x1	
	RJ45 Port	x1	
power	Firmware Update	USB/OTA	
	Voltage	100V-240V, 50/60Hz	
Mechanical	Typical (Watt)	355	
	Weight (Without / With Packing) (kg)	86.2kg ± 1.5Kg/99kg ± 1.5Kg	
	Dimension (WxHxD) (mm)	1990*1231*140.9mm	
	Wall Mounting (VESA) (mm)	4 holes (700 x 400mm) Screw M8 x 20mm	
OSD	Handle	x4	
	Pen Tray	x1	
Package / Accessory	On-Screen Display Languages	English / French / German / Dutch / Polish / Russian / Czech / Danish / Swedish / Italian / Romanian / Finnish / Norwegian / Greek / Hungarian / Spanish / Portuguese / Traditional Chinese / Simplified Chinese / Arabic / Japanese / Thai / Persian / Vietnamese (24L)	
	Remote Controller	x1	
	Power Cord (By Region)	x5 (1.8m), x1 (1.5m)	
	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 Wifi Dongle	Yes	
	Trolley	Yes	

Dimensions

