# **RM6501K 4K UHD 65**<sup>"</sup> Education Interactive Flat Panel



### Features

#### **Ultra-Smooth Handwriting Enhances Collaborative Learning**

RM6501K 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

RM6501K 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 RM6501K 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. RM6501K is capable of detecting strokes created with fingers, the IFP stylus, watercolor brush or even pencil. This unique feature makes RM6501K 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.

Ereeze 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

RM6501K repositions the 20W audio speakers to the front, offering better sound transmission that elevates the level of audiovisual enjoyment during classes. Additionally, RM6501K comes with a Mic-In port that allows teachers to connect external microphones, further facilitating an impactful and effective learning experience for students.

#### InstaOShare 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

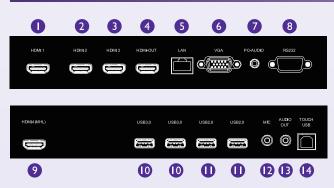
#### MDA Software

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)

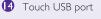
Upgrade your displays with the latest BenQ firmware via BenQ's OTA update support to keep them running smoothly at all times.

## Input and Output Terminals



D	HDM	Input I	(2.0)
2		Input 2	(20)

- HDMI Input 3 (2.0)
- HDMI Output 4
- 6 LAN
- 6 VGA Input
- Audio Input
- 8 RS232 Input
- 9 HDMI Input 4 (MHL)(2.0) USB 3.0
- USB 2.0
  - 12 Microphone
  - 1 Audio output





Specifications			
		RM6501K	
	Screen Size	65"	
		DLED	
	Backlight / Lightsource		
	Resolution (Pixels)	UHD 3840x2160 pixels	
	Brightness (Typical)	450	
	Contrast Ratio (Typical)	1,200:1	
panel	Dynamic Contrast Ratio (Typical)	30,000:1	
Parra.	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	
	Tempered Glass	4mm, Tempered Glass	
Glass	Anti-Glare (AG) Coating	Yes	
	Touch Technology	IR Touch	
	Numbers of Touch	Up to 10 Point Multi-touch	
Touch	Resolution (Points Area Function)	32,767*32,767	
louch	Touch Interface	x1 (USB type B)	
	OS Supported	Windows 7/8/10/WinCE/Vista/Linux/Mac/Android/Chrome	
Audio	Internal Speaker	20Wx2	
	Line Out (Audio Out, 3.5mm)	lx	
Addio	Line In (3.5mm)	xl	
	MIC (3.5mm)	xl	
	AC Power		
	Power (AC) Input	lx	
	Power Switch	xl	
	Basic IO		
	VGA Input	xl	
Connectivity	HDMI Input	×4 (2.0×4)	
	HDMI Output	x4 (2.0x4)	
	OPS Slot	k	
	Legacy IO		
	USB Player (Photo,Video)	x4 (2.0x2, 3.0x2)	
	RS232 Input	xl	
Control	RJ45 Port	l	
	Firmware Update	USB/OTA	
	Voltage	100V-240V, 50/60Hz	
power	Typical (Watt)	118W	
	Weight (Without / With Packing) (kg)	49.75kg /62.45kg±1.5Kg	
	Dimension (WxHxD) (mm)	1510.5*956.5*136mm	
M 1 1 1		4 holes (500 × 400mm)	
Mechanical	Wall Mounting (VESA) (mm)	Screw M6 x 13mm	
	Handle	x2	
	Pen Tray	x	
OSD	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 (24.)	
	Remote Controller	xl	
	Power Cord (By Region)	x5 (1.8m),x1 (1.5m)	
	VGA Cable	x I (I.5m)	
	HDMI Cable	x I (1.5m)	
	Quick Start Guide	xl	
Package / Accessory	User's Manual Electronic File	xl	
	USB Cable for Touch	x I (3m)	
	Touch Pen (Stylus)	x1 (3h)	
	Software License Card	xl	
	Wall Mount	Yes	
Optional	QCast HDMI Streaming Dongle	Yes	
	USB Wifi Dongle	Yes	
Optional	Trolley	Yes	

# Dimensions

