![vivitek® Vivid Color. Vivid Life]

![NovoTouch]

NovoTouch EK755i

True 75" 4K interactive display with wireless collaboration and touch interaction for the classroom

Features

- 75" display with ultraHD 4K (3,840 x 2,160) resolution for outstanding details and stunning visuals
- Backlit D-LED (IPS panel) technology for brighter pictures, flawless colors, richer textures, and extra wide viewing angels (178º/178º)
- Preconfigured with NovoConnect wireless presentation and collaborative system for cable-free and hassle-free presenting in the classroom
- Connect up to 64 users simultaneously, and allow 4 people to present on one display to facilitate large group work
- Optional LauncherPlus wireless dongle connects to any visitor's laptop for a direct plug-n-play WiFi connection without impacting an existing network
- High contrast ratio and fast response time deliverables crisp, readable content
- Interactive functionality with up to a 20-point finger touch capabilities (10-point writing, 20-point touch) for on-screen annotation, drawing and common gesture controls
- Simple wireless display and true fast collaboration solution thanks to WiFi 6, 802.11AX dual-band 2.4/5GHz support
- Provide API or Remote Manager with IT management software with automatic discovery and configuration
- Full suite of connectivity ports including HDMI-In VGA-In, Audio-In/Out, LAN, RS232 and USB.
- Front bezel USB 3.0 ports for quick connection to USB memory drives and data
- 4mm thick toughened glass for added protection against scratches or screen damage
- Support HDMI-IN on presentation or digital signage mode
- Built-in NovoDS capability as an all-in-one digital signage solution, easy to set up and manage via Windows/Mac software or NovoDS.com Cloud service
- Daily auto-reboot and low blue light support
- VESA compliant mounting for easy installation
- Powerful front- facing stereo audio speakers with up to 32W of total power (16Wx2) and multiple audio-in/out ports

Display	Type/Technology		Backlit D-LED (IPS Panel)
	Panel Size		75"
	Brightness (Typ)		350cd/m2
	Contrast Ratio (Typ)		4,000:1
	Native Resolution		4K Ultra-HD (3840 x 2160)
	Viewing Angle (H/V)		178º/178º
	Aspect Ratio		16:9
	Response Time (MS)		8.5ms (Typ)
	Refresh Rate (Hz)		60Hz
	Estimated Life Time (Typ)		30,000 hours (Min)
	Display Color (Bit)		1.07 billion (10-bit)
	Installation Orientation		Landscape
	Daily Operation (Hours/Days)		16/7
Interactivity	Technology		Infrared Touch
	Touch Points	Writing	10 Point (Standard)
		Touch	20 Point (Standard)
	Accuracy	Finger	±1.0mm (Over 90% area)
		Passive Pen	±1.0mm (Over 90% area)
	Response Time		< 10ms
	Touch Resolution		32,768 x 32,768
	Surface Protection		4mm Thick Toughened Glass (Level 7H on Mohs Scale of Mineral Hardness)
	Touch Tools		Finger, Stylus, Glove, Opaque Objects
Operating System	System Version		Android™ v9.0 (upgrade to v11.0)
	CPU		Multi-Core High-Performance ARM®CPU
	GPU		4*Mali™ G52
	RAM		8GB DDR3
	Internal Storage		64GB (eMMC Flash)
Connectivity	Input	Display	HDMI v2.0 (x3) (HDCP v2.2 Compliant) USB Type C (x1) VGA-In (x1)
		Audio	Audio-In (3.5mm) (x1)
	Output	Display	HDMI-Out v1.4(x1)-1080P@60Hz (option)
		Audio	Audio-Out (3.5mm) (x1) SPDIF-Out (x1)
	Internet		LAN (RJ45, 10/100/1000M) (x2)
	Control		RS232-In (x1)
	Wireless	Wifi (USB Module)	WiFi 6, IEEE 802.11 a/b/g/n/ac/ax (2.4GHz/5GHz)
		Bluetooth	BT 5.0
		I/R Receiver	Front (x1) (±25° Angle, >8m Distance)
	USB	Front	USB 3.0 (x2)
		Side	USB Type C (x1) ➢ Support up to 65W / display input USB 3.0 (x2) USB Type B (x2) (For Touch Port)
		Bottom	USB 2.0 (x1)
	Window Module (Option)		Slot 1: Standard Intel 80pin OPS (Option)
Audio	Speakers		16W (x2) (Stereo)
Power	Power Supply (Internal)		AC 100 - 240V, 50/60Hz (5.0A)
	Consumption		500W
	Standby Mode		<0.5W (Standby)
Physical Characteristics	Dimension (L x H x D)		1,709 x 1,020 x 86mm
	Weight		51.3kg
	VESA Mounting (FPMPMI)		6 – M8 × 25mm, 800 x 400mm
	Color		Grey
Sensor	Built-in		Lighting Sensor
Accessories	Standard		AC Power Cord (3m), WiFi 6 USB Module, HDMI Cable, Touch USB Cable, Audio Cable, Stylus (x2), Remote Control (W/Batteries), Documentation Kit, Wall Mount Kit
	Optional		* Sensor Box (including Air Quality/ Temperature Detector, Motion Sensor, NFC Reader, Proximity Sensor) * Standard Intel OPS * LauncherPlus WQL400