TOUCHBOARD
LED MULTI-TOUCH PANELS

PRODUCT SPECIFICATIONS



TOUCHBOARD V6 Pro EDLA

LED MULTI-TOUCH PANEL
ZERO-BONDED TECHNOLOGY

TBP-65-V6-TOUCHBOARD 65”
TBP-75-V6-TOUCHBOARD 75”
TBP-86-V6-TOUCHBOARD 86”
TBP-98-V6-TOUCHBOARD 98”
TBP-110-V6-TOUCHBOARD 110”

DIGITAL TOOLS FOR COLLABORATIVE LEARNING ENVIRONMENTS

TOUCHBOARD FEATURES

LATEST ANDROID

Latest Android 16 EDLA operating platform with super fast Octa Core A73+A53 2.2 ghz processor and 8gb of RAM. The V6 Pro is super powerful and more than capable of running latest office and graphics programs. Easy to use like your smart phone or tablet. It comes pre-loaded with a suite of specially selected apps to get you started right away.

ULTRA-CLEAR 4K UHD RESOLUTION

Manufactured with the latest Zero Bonded screen technology, effectively removing the air gap between the panel and glass to provide a sharper image, wider viewing angle and better touch. The V6 Pro delivers 4K resolution from a commercial grade high brightness LED panel with 30,000 hours of lifetime. Your panel is protected by 3mm anti-glare safety glass with a Mohs7 scratch resistance surface.

40 POINT MULTI-TOUCH INFRARED TECHNOLOGY

Manufactured with the latest Zero Bonded Delivering exceptional reliability. Ultra-thin IR Bezel provides a responsive and accurate writing experience. The V6 Pro supports 40 points of touch as well as smart stylus and palm erase technology ensuring a natural writing experience. Users can simply Plug and Play their devices with no drivers or calibration required. Windows gesture support enabled.

WIRELESS SCREEN SHARING

Collaborate by sharing your screen wirelessly in real time. Share up to 16 screens at any time for those larger meetings and remote learning. Enjoy cable free connectivity. Compatible with any PC, MAC, iPhone, iPad, Android, or Chromebook device. The V6 Pro comes pre-loaded with Eshare Pro, Miracast, WebCast, AirPlay and iMirror platforms, providing the user with great flexibility and a choice between an App based or App free mirroring solution.

CONNECTIVITY

Extensive HDMI and USB I/O port options and RS232 programming ports make connection a breeze. The V6 Pro incorporates the latest technology USB-C ports to enable display, touch and charging connectivity over a single cable. Dual LAN ports enable integration to existing networks without added equipment. Inbuilt Wi-Fi and Bluetooth adapters ensure easy connection with enabled hardware devices across the classroom or workplace.

SOFTWARE

Whiteboard software provides the ability to annotate on photos, videos, webpages or any other screen or input channel. Simply annotate and quickly share documents or save to OneDrive, Google Drive, 128gb onboard memory, USB or QR code options. The V6 Pro provides a split screen function to allow for multiple ideas and tasks to be worked on simultaneously. Various widgets and gadgets provide handy help across the day.

SECURITY

Integrated security features provide a process to manage unauthorised usage or configuration changes across a display device and your facility. The V6 Pro has integrated security options, including secure pass login, remote lock, touch control lock and the ability to disable network access and applications. Individual I/O ports and android access can also be disabled.

EYE CARE PROTECTION

Inbuilt eye care protection settings are designed to help alleviate discomfort that can be experienced from increased time in front of a screen. The V6 Pro has 3 levels of eye care protection that adjusts the brightness and blue light levels within the display. An automatic sensor also adjusts contrast levels with reference to changes in room brightness to help further reduce eye strain.

CENTRALISED REMOTE MANAGEMENT

A great way to effectively manage multiple displays across your organisation. The V6 Pro includes the latest Radix Visio remote management software to provide tech staff quick configuration in real time with the ability to configure display settings, set power off events, perform updates, enforce usage policies or regulations and broadcast important messages to select devices or alerts to all devices in an emergency situation.

PRODUCT SPECIFICATIONS

DISPLAY

LCD Size	74.52”
LCD Brand	LG / BOE / CSOT
Backlight Type	D-LED
Resolution (pixels)	3840x2160 (pixels, RGB)
Brightness	400cd/m²(min.)
	450cd/m²(typ.)
Contrast Ratio	1200:1(typ.)
Response Time	8ms (typ.)
Pixel Pitch (mm)	0.4296(H)x0.4296(V)
Refreshing Frequency	60Hz
Viewing Alngle	178°(H) / 178°(V)
Life Time	30,000 hrs (min.)
Color Gamut (X% NTSC)	72%(typ.)
View Area (mm)	1649.664(H)x927.936(V)
Display Colors	1.07B(8bit+FRC)

INTERFACE REAR

HDMI IN	x2	Version: HDMI2.1 Up to 3840x2160@60Hz supports ARC CEC function
		Version: HDMI2.1 Up to 3840x2160@60Hz Output Up to 7680x4320@60Hz Input
DP IN	x1	Version: DP1.2a Up to 3840x2160@60Hz
VGA IN	x1	Interface: DB15 Up to 1920x1080@60Hz
OPS (Optional)	x1	Interface: JAE
Audio IN	x1	Input level: 0,2-2Vms Interface: Φ3.5mm mini interface
LAN	x2	10M/100M/100M Base-T Interface: RJ45
Android USB	x2	Version: USB3.0 Interface: Type-A
	x1	Version: USB2.0 Interface: Type-A
Public USB	x2	Version: USB3.0 Interface: Type-A
Touch-USB	x3	Individual USB Touch for HDMI1, HDMI2, DP, VGA
Type-C USB	x1	Type C: Display and Touch, Up to 3840 x 2160@60Hz. Power output: 15W
MIC IN	x1	Interface: Φ3.5mm mini interface
RS232	x1	Interface: DB9
HDMI OUT	x1	All signal out 3840x2160@60Hz
S/PDIF OUT	x1	Type: Optical TOSLINK terminal
Audio OUT	x1	Output level: 150±20mVrms (@500mVrms, 1KHz) Interface: Φ3.5mm mini interface

INTERFACE FRONT

Type-C USB	x1	Type C: Display and Touch, Up to 3840 x 2160@60Hz. Power output: 60W PD Support
Public USB	x2	Version: USB3.0 Interface: Type A
NFC	x1	ISO/IEC 14443 A B

CAMERA

Camera Built In	MJPEG 3840x2160(30fps),800W, 103Deg FOV, 8-mic array Pick up to 8m and 46Deg to 135Deg

ELECTRICAL

Chipset		RK3576
CPU	Architecture	Cortex A72 + A53
	Working Frequency	2.2GHz
	Core	Quad Core
GPU		Mali G52 MC3
RAM		8GB (16GB optional)
ROM		128 GB (256GB Optional)
OS		Android 16 EDLA
Power Requirements		AC 100V ~ 240V, 50/60Hz
Power Consumption Without OPS		65”- 300w, 75”- 380w ,86”- 460w, 98”- 500w
Standby Condition		<0.5W
Audio Output Power		2x20W 4Ω
OPS Power		DC 18V/5A

STRUCTURE

Product Size mm (W x D x H)	65”	1482x105x936 41kg
	75”	1716x105x1069 50kg
	86”	1961x105x1207 69kg
	98”	2237x139x1318mm 110kg
Packaging Size mm (W x D x H)	65”	1660×220×1045mm 49.5Kg
	75”	1900×225×1160mm 68Kg
	86”	2160×225×1310mm 81.4Kg
	98”	2455×310×1485mm 159.3kg
Housing Material		Aluminium/ Metal plate
Housing Color		Black/Black
VESA		65” 600 x 400mm M8 Thread 75” 800 x 400mm M8 Thread 86” 98” 800 x 600mm M8 Thread

TOUCH

Sensing Type	Infrared Touch Frame
Surface Protection	3.2 mm Safety Glass, Mohs7
Infrared Touch	Surface 40 Points
Interpolation Resolution	32768x32768
Touch Accuracy	90%(±1mm)
Response Time	≤8ms
Output Mode	HID Standard
Theory Clicks	Unlimited
Minimum Touch Object	Single touch ≥1.6mm
	Multiple touch ≥2mm
Connect Type	USB2.0 Full Speed
Voltage	DC+5V±5%
Power Consumption	≤2W
Windows 10/8/7, Android	Multiple Touch
Windows XP, Linux, Mac OS X, Chrome	Single Touch; Multi Touch drivers available

WI-FI

Wi-Fi Chipset 1	Wi-Fi 6 AP6275P, 2,4Ghz/5Ghz 802.11 a/b/g/n/ac/ax
Bluetooth	2.1 + EDR 4.2, 5.0