



Digital Whiteboard DCW86U5PAP UHDBlack

Data sheet

Summary

- ✓ 40 simultaneous touch points
- ✓ 86" 4K UHD display (3840 × 2160)
- ✓ Android 14 with 8 GB RAM and 128 GB storage
- ✓ HDMI, DisplayPort, USB-C and USB
- ✓ Supplied with two pens, wall mount and 3 m HDMI, USB A-B and power cable

Product description

Key features

- 40 simultaneous touch points
- 86" 4K UHD display (3840 × 2160)
- Android 14 with 8 GB RAM and 128 GB storage
- HDMI, DisplayPort, USB-C and USB
- Supplied with two pens, wall mount and 3 m HDMI, USB A-B and power cable

Maximize collaboration with Voxion Digital Whiteboard DCW86U5PAP

Transform meeting rooms, classrooms and creative workspaces with the interactive 86-inch display DCW86U5PAP. With 4K resolution, Android 14, 40 simultaneous touch points and powerful built-in hardware, it creates a smooth and engaging environment for presentations, teaching and collaboration.

Impressive visual clarity

The large 86-inch 4K UHD display with a resolution of 3840 × 2160 delivers an outstanding visual experience with sharp details and vivid colors. Whether you present advanced design concepts, analyze complex data or show high-resolution video material, the large image area ensures that the content is clearly visible to everyone in the room.

Large workspace for big ideas

The generous 86-inch display provides plenty of space for presentations, brainstorming and interactive teaching. The large workspace makes the content easy to follow even in larger meeting rooms and classrooms, creating a more engaging experience for all participants.

Seamless interaction

With support for up to 40 simultaneous touch points and Android 14, DCW86U5PAP offers a fast, responsive and intuitive user experience. Multiple users can write, draw and interact at the same time, making it easy to collaborate, share ideas and work together in real time.

Powerful performance

The integrated platform with 8 GB RAM, 128 GB storage and a powerful processor architecture with Cortex A72 and A53 cores provides fast start-up, smooth multitasking and high performance even during demanding use.

Extensive connectivity options

Equipped with HDMI, DisplayPort, USB-C and USB, DCW86U5PAP offers great flexibility for connecting computers, external devices and other presentation solutions. This makes it easy to integrate the display into both modern and existing meeting and teaching environments.

Increased productivity

Improve workflows with real-time notes, smooth file management and an intuitive user interface that makes meetings, lessons and workshops more efficient and engaging.

Transform your collaboration

Whether used in meeting rooms, classrooms or creative work environments, Voxion Digital Whiteboard DCW86U5PAP helps teams collaborate more effectively and turn ideas into reality faster. Discover new possibilities for communication, creativity and productivity.

Included products

- Voxion Digital Whiteboard DCW86U5PAP 86"
- Wall mount
- 2 pens
- 3 m HDMI cable
- 3 m USB A-B cable
- 3 m power cable

Technical Specification Matrix

Header

Manufacturer	Voxicon
--------------	---------

Display

Screen size	86 "
Display brightness	400 cd/m²
Display resolution	3840 × 2160 pixels
Display number of colours	1.07 billion colours
Anti-glare screen	Yes
LED backlight	Yes
HD type	4K/UHD
Maximum refresh rate	60 Hz
Native aspect ratio	16:9
LED backlighting type	Direct-LED
Contrast ratio (typical)	1200:1
Response time	8 ms
Touch technology	Multi-touch
Number of simultaneous touchpoints	40

Touchscreen	Yes
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Touchscreen type	Infrared
Pixel pitch	0.493 x 0.493 mm
Colour gamut	0.72 %
Technology	Infrared (IR)
Touch resolution	32768 x 32768 pixels
Touch system response time	8 ms
Touch object size (min)	1.6 mm
Surface material	Tempered glass
Accuracy touch	1 mm
Pen & touch differentiation	Yes
Palm erase	No
Palm rejection	Yes

Computer system

Operating system installed	Android
Maximum internal memory	128 GB
Operating system version	14
Built-in processor	Yes
RAM capacity	8 GB
Processor architecture	ARM Cortex A73 + ARM Cortex A53
Processor frequency	2.2 GHz
Graphics card family	ARM
Graphics card	Mali-G52 MC3

Projector

Built-in projector	No
--------------------	----

Audio

Built-in speaker(s)	Yes
Number of built-in speakers	2
Speaker power	20 W
Built-in subwoofer	No

Network

Wi-Fi	Yes
Top Wi-Fi standard	WiFi 5 (802.11ac)
Bluetooth	Yes
Wi-Fi standards	802.11a, 802.11g, WiFi 4 (802.11n), WiFi 5 (802.11ac)
Bluetooth version	5.1

Ports & interfaces

Interface	HDMI
USB connector type	USB-A, USB-C
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1
USB 2.0 ports quantity	1
HDMI ports quantity	2
USB Type-C DisplayPort Alternate Mode	Yes
USB Type-C ports quantity	1
DisplayPorts quantity	1
HDMI version	2.0
HDMI output ports quantity	1
Ethernet LAN (RJ-45) ports	2
USB Power Delivery	Yes
USB Power Delivery up to	15 W
Line-in	Yes
DisplayPort version	1.2
S/PDIF out port	Yes
Audio output	1
VGA (D-Sub) ports quantity	1

Ergonomics

Product colour	Black
VESA mounting	Yes
Power cable length	3 m
Panel mounting interface	800 x 600 mm
Wall mountable	Yes

Power

Power consumption (standby)	0.3 W
AC input voltage	230 V

Energy efficiency class (SDR)	G
Energy consumption (SDR) per 1000 hours	194 kW·h
AC input frequency	60 Hz
Energy efficiency class (HDR)	Not available

Weight & dimensions

Width	1950.4 mm
Depth	86.9 mm
Height	1174 mm
Weight	64000 g

Packaging data

Package width	2095 mm
Package depth	185 mm
Package height	1265 mm
Package weight	77000 g
Quantity per pack	1 pc(s)

Packaging content

USB cable length	3 m
Manual	Yes
Cables included	HDMI, Power, USB Type-A to USB Type-B
Stylus pen type	Passive
Stylus included	Yes
Number of stylus pens	2
Mounting kit	Yes
Remote control included	Yes
Batteries included	Yes