



Voxicon VXD-O40WUHD-P

Data sheet

Core Specs

Screen size	40 "
Display resolution	5120 × 2160 pixels
USB Power Delivery up to	65 W
Panel type	IPS
Native aspect ratio	21:9
Maximum refresh rate	75 Hz
Display brightness (typical)	300 cd/m²
Screen shape	Curved
Built-in USB hub	Yes
Energy efficiency class (SDR)	F
Panel mounting interface	100 x 100 mm

Summary

- ✓ 40-inch curved 21:9 5K display, 5120 x 2160 for wide multitask
- ✓ IPS panel with HDR10, 1.07B colours and DCI-P3 95% accuracy
- ✓ USB-C with 65W Power Delivery and integrated USB hub for single-cable use
- ✓ PiP and PbP (Picture-in-Picture, Picture-by-Picture) for multitasking
- ✓ Ergonomic stand with 150mm height, swivel, tilt and VESA mount

Product description

Why choose this monitor?

Voxicon O40WUHD 5K USB-C 65W Curved gives you a wide, curved 40-inch workspace with 5120 x 2160 5K resolution for detailed image work and large spreadsheets. USB-C with 65W power delivery cuts cable clutter and lets you charge a laptop while driving the display. The panel covers 95% of DCI-P3 and supports HDR10, so you get reliable colour and better contrast for content review and presentations.

O40WUHD 5K USB-C 65W Curved in short:

- Ultrawide 21:9 40-inch curved 5K display, useful for video timelines, design canvases, and side-by-side documents. 5K refers to the 5120 x 2160 pixel resolution.
- USB-C with 65W power delivery and a built-in USB hub for single-cable docking of a laptop and connected peripherals.
- HDR10 support and DCI-P3 95% colour coverage for more accurate colour and improved highlight detail.
- Adaptive sync technologies including NVIDIA G-SYNC and AMD FreeSync for smoother motion in animation review and video playback.
- Note: built-in speakers are low power, and there is no integrated camera or microphone. Consider external audio or conferencing peripherals if you need full media/meeting functionality.

Display and image features

The IPS panel gives wide 178-degree viewing angles and a consistent image across the curved screen. The 21:9 aspect ratio and R2200 curvature create an immersive but practical field of view, reducing the need to pan between windows. HDR10 increases dynamic range for brighter highlights and deeper shadows. Picture-in-Picture, which places a secondary source in a smaller window, and Picture-by-Picture, which splits the screen between two inputs, let you monitor multiple sources without switching cables.

Connectivity and ergonomics

You can attach a laptop with a single USB-C cable that carries video, data, and up to 65W of charging power. The monitor includes HDMI 2.0 and DisplayPort 1.4, plus a built-in USB hub with Type-A and Type-C ports for keyboards, mice, and storage. The stand offers 150mm height adjustment, tilt and ± 45 -degree swivel, and integrated cable management. VESA mounting is supported if you prefer a separate arm or wall installation.

Workflow reliability and eye comfort

Adaptive sync and a 48–75Hz FreeSync range help avoid tearing during playback and interactive review. Low blue light and flicker-free technology reduce eye strain during long sessions. The monitor ships with the essential cables and a detachable stand, so you can set up and start working quickly. Energy consumption is moderate, and the screen’s matt surface reduces reflections in bright office environments.

Technical Specification Matrix

Header

Manufacturer	Voxicon
Display	
Screen size	40 "
Display resolution	5120 × 2160 pixels
Native aspect ratio	21:9
Display technology	LED
Touchscreen	No
HD type	5K
Panel type	IPS
Backlight type	LED
Display brightness (peak)	300 cd/m²
Display brightness (typical)	300 cd/m²
Display surface	Matt
Response time	6 ms
Anti-glare screen	Yes
Screen shape	Curved
Supported graphics resolutions	5120 x 2160
Aspect ratio	21:9
Screen curvature rating	R2200
Contrast ratio (typical)	1000:1
Maximum refresh rate	75 Hz
High Dynamic Range (HDR) supported	Yes
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Pixel pitch	0.1815 mm
Pixel density	139 ppi
Display number of colours	1.07 billion colours
Viewable size, horizontal	929.28 mm
Response time (fast)	14 ms
Display brightness	300 cd/m²
Colour gamut	95 %
Surface hardness	3H
Colour depth	1.078 bit
High Dynamic Range (HDR) technology	HDR10
RGB colour space	DCI-P3

Haze rate	25 %
Colour gamut standard	DCI-P3
Screen curvature	2200 mm

Performance

NVIDIA G-SYNC	Yes
AMD FreeSync	Yes
AMD FreeSync refresh rate range	48-75 Hz
VESA Adaptive Sync support	Yes
NVIDIA G-SYNC type	G-SYNC
Flicker-free technology	Yes
AMD FreeSync type	FreeSync
Low Blue Light technology	Yes

Multimedia

Built-in speaker(s)	No
Built-in camera	No
Number of speakers	2
RMS rated power	3 W
Built-in microphone	No
Adaptive Sound Control (ASC)	No
Multiroom	No

Design

Market positioning	Business
Product colour	Black
Refurbished	No
Frameless design	Yes
Certification	CE, ERP
Front bezel colour	Black
Introduction year	2022
Housing material	Plastic
Detachable stand	Yes
Introduction month	December

Ports & interfaces

Built-in USB hub	Yes
USB upstream port type	USB Type-C
USB hub version	2.0
Number of upstream ports	1
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	2
Number of USB Type-B upstream ports quantity	1
USB Type-C downstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	Yes
USB Power Delivery	Yes
HDMI ports quantity	1
DisplayPorts quantity	1
HDMI	Yes
OPS module slot	No
HDCP	No
USB Power Delivery up to	65 W
HDMI version	2.0
USB Touch port	No
DisplayPort version	1.4
Audio output	Yes
Headphone out	Yes
Headphone outputs	1
Charging port type	USB Type-C
Built-in KVM switch	No
Headphone connectivity	3.5 mm
Microphone in	No
DC-in jack	Yes
PC Audio in	No

Ergonomics

VESA mounting	Yes
Cable lock slot	Yes
Panel mounting interface	100 x 100 mm
Wall mountable	Yes
Cable management	Yes

Height adjustment	Yes, 150 mm
Pivot	No
Swivelling	Yes
Swivel angle range	+45 ~ -45 °
Plug and Play	Yes
Tilt angle range	+5 ~ -45 °
On Screen Display (OSD)	Yes
Picture-in-Picture	Yes
On Screen Display (OSD) languages	English

Network

Ethernet LAN	No
Wi-Fi	No
Bluetooth	No
Wi-Fi Direct	No
Remotely operated	No

Power

Energy efficiency class (SDR)	F
Energy consumption (SDR) per 1000 hours	40.8 kW·h
Energy efficiency class (HDR)	G
Power consumption (max)	60 W
Power consumption (typical)	40.87 W
AC input voltage	100 - 240 V
Power consumption (standby)	0.3 W
Energy consumption (HDR) per 1000 hours	45.7 kW·h
AC input frequency	50 - 60 Hz
Power supply type	External
Power consumption (off)	0.2 W

Packaging content

Manual	Yes
Stand included	Yes
Cables included	HDMI, Power, USB Type-A to USB Type-B, USB Type-C
Quick start guide	No
Power adapter included	Yes

Remote control included	No
Remote control batteries included	No
Stylus included	No
Sun hood included	No
Screws included	Yes

Weight & dimensions

Width (with stand)	947.8 mm
Depth (with stand)	306 mm
Height (with stand)	593.8 mm
Weight (with stand)	12500 g
Weight (without stand)	5890 g

Packaging data

Package width	1120 mm
Package depth	165 mm
Package height	530 mm
Package weight	15000 g

Other features

(cdm) Box content	USB-C cable, USB-B cable, HDMI cable, Power Supply, Power Cable, User Manual
Dimensions (W x D x H) with stand	1120 x 530 x 165 mm
Picture-by-Picture (PbP)	Yes
Maximum resolution	5120x2160 pixels
Weight	5890 g
sRGB coverage (min)	95 %
Speakers	2x 3W
Power consumption	150 W
USB ports quantity	3