

Interactive display **METZ K series**

65KD1 / 75KD1 / 86KD1



METZ K-series touch interactive monitors feature a matrix with **impressive screen quality** made using DLED technology with 4K resolution. Advanced eye protection features and anti-reflective coating ensure comfort and complete safety for working and learning.

The state-of-the-art **touchscreen** with 'zero bonding' technology ensures excellent writing precision, just like when using a pen or chalk.

METZ K Series monitors are protected by 4mm-thick **protective glass** with a hardness of up to 9H. This means that the screen is resistant to scratches and dents, even from metal objects. This guarantees **long use** without annoying signs of wear and tear.

When you buy a METZ interactive monitor, you will find a dedicated wall mount included with the screen. METZ interactive monitors are also equipped with **physical control**/shortcut buttons to increase the comfort and speed of working with the screen. Front-mounted connection ports (USB, USB-C, HDMI) ensure ergonomic working and accessibility for different applications and circumstances.

METZ Lead the Future

Prowadzimy w Przyszłość

The impressive quality of the 4K resolution DLED screen with advanced features to protect your eyes and anti-reflective coating ensures the highest standards of work and safety.

The powerful A73 processor and ample system memory (8GB RAM+128GB ROM) guarantee smooth operation of even demanding applications. You won't lose time waiting for apps to open and are guaranteed smooth multimedia even in 4K.

'Energy Star' is a certification we have received from an official US agency, which confirms that our interactive screens save electricity, making them environmentally friendly and kind to your pocket.

The professional wall mounting of the screen is an extremely important consideration in terms of user safety. When you buy a METZ interactive monitor, you will always find a **dedicated wall mount** included with the screen.

Physical shortcut keys for improved ergonomic use and speed of switching between applications. METZ interactive monitors feature additional physical buttons conveniently located on the front panel to guarantee you maximum comfort and speed when working with the screen.

K series

The state-of-the-art **touchscreen** with 'zero bonding' technology provides exceptional writing precision, like using a pen or chalk.

Ultra-fast Wi-Fi6 or 1GB networking combined with the latest tranScreen apps guarantee you the ability to seamlessly **wirelessly stream** content from your PC/Mac, tablet and Android/Apple smartphone. Be creative and display screens from up to 4 devices simultaneously

Your safety is of paramount importance to us, which is why our monitors are protected by an additional 4mm thick **protective glass** with a hardness of up to 9H. This means that the screen is resistant to scratches and scrapes even with metal objects. This guarantees above-standard security and a long service life without annoying signs of wear and tear.

The OPS slot allows an additional PC to be securely mounted in the monitor casing. In this way, you will be able to combine the power of a large screen touch with the functionality of **Microsoft Windows** and its dedicated applications (particularly when using the M365 environment).

Android 11 being the modern operating system of the monitor creates an easy-to-use and secure working environment for you. Well-known and appreciated pre-installed applications such as WPS Office guarantee native support for most document or presentation formats. You are ready!

Monitor size	65"	75"	86"
Model (SKU/PN)	65KD1 (Q2GD65V2KC02)	75KD1 (Q2GD75V2KC02)	86KD1 (Q2GD86V2KC03)
Matrix type	IPS	IPS	IPS
Backlight type	Direct LED (DLED)	Direct LED (DLED)	Direct LED (DLED)
Resolution	4K UHD (3840 x 2160)	4K UHD (3840 x 2160)	4K UHD (3840 x 2160)
Pixel size	0,372mm	0,4296mm	0,4935mm
Visible surface	1428,48mm x 803,52mm	1649,66mm x 927,94mm	1895,04mm x 1065,96mm
Viewing angles	178°/178° 89°/89° right-left 89°/89° top-bottom	178°/178° 89°/89° right-left 89°/89° top-bottom	178°/178° 89°/89° right-left 89°/89° top-bottom
Screen format	16:9	16:9	16:9
Matrix brightness	350 cd/m2	350 cd/m2	350 cd/m2
Light transmission	0,88	0,88	0,88
Static contrast	1200:1	1200:1	1200:1
Dynamic contrast	5000:1	5000:1	5000:1
Colour support	1.07G (8bits + FRC)	1.07G (8bits + FRC)	1.07G (8bits + FRC)
Screen life	>50,000 hours	>50,000 hours	>50,000 hours
Frame thickness	20mm (top and sides) 55mm (bottom)	20mm (top and sides) 55mm (bottom)	20mm (top and sides) 55mm (bottom)
Frame Material	Metal	Metal	Metal
Frame colour	Grey blue, matt	Grey blue, matt	Grey blue, matt
Orientation	Horizontal	Horizontal	Horizontal
Refresh rate	60Hz	60Hz	60Hz
Maximum operating time	24/7	24/7	24/7
Operating temperatures	od 0°C do 50°C	od 0°C do 50°C	od 0°C do 50°C
Storage teperatures	od -20°C do 60°C	od -20°C do 60°C	od -20°C do 60°C
Operation humidity	10%RH~90%RH	10%RH~90%RH	10%RH~90%RH
Storage Humidity	10%RH~90%RH	10%RH~90%RH	10%RH~90%RH
MTBF	50 000 hours	50 000 hours	50 000 hours
Certifications	CE, RoHS, FCC, UL, ERP, WEEE, CB, UKCA, Energy star, REACH	CE, RoHS, FCC, UL, ERP, WEEE, CB, UKCA, Energy star, REACH	CE, RoHS, FCC, UL, ERP, WEEE, CB, UKCA, Energy star, REACH
Warranty	3 years (5 years for Education)	3 years (5 years for Education)	3 years (5 years for Education)

TOUCH			
Touch technology	Infrared	Infrared	Infrared
Protective glass	Toughened glass with anti-reflective coating	Toughened glass with anti-reflective coating	Toughened glass with anti-reflective coating
Thickness of protective glass	4mm	4mm	4mm
Strength of protective glass	9H	9H	9H
Touch resolution	32767(H) * 32767(V)	32767(H) * 32767(V)	32767(H) * 32767(V)

Number of touch points	20	20	20
Accuracy of touch	±1mm	±1mm	±1mm
Response time	<8ms	<8ms	<8ms
Touch modes	Stylus, finger, gloved finger	Stylus, finger, gloved finger	Stylus, finger, gloved finger
Touch interface	USB	USB	USB

SYSTEMS

CPU	ARM Cortex A73*4+A53*4	ARM Cortex A73*4+A53*4	ARM Cortex A73*4+A53*4
GPU	AMR Mali-G52 MP8	AMR Mali-G52 MP8	AMR Mali-G52 MP8
RAM	8 GB	8 GB	8 GB
Memory ROM (disk)	128 GB	128 GB	128 GB
Operating system	Android 11	Android 11	Android 11
OPS Windows	Optional	Optional	Optional
Speakers	2x >15W	2x >15W	2x >15W

SOFTWARE & PORTS

Android software	WPS Office, Screen recording, Voting, ScreenShare, Blackboard, Chrome, File manager, Welcome page, File lock, Calendar, Calculator, Tools	WPS Office, Screen recording, Voting, ScreenShare, Blackboard, Chrome, File manager, Welcome page, File lock, Calendar, Calculator, Tools	WPS Office, Screen recording, Voting, ScreenShare, Blackboard, Chrome, File manager, Welcome page, File lock, Calendar, Calculator, Tools
Supported systems	Windows 7/8/10/11, MacOS, Android, Chorme OS, Linux	Windows 7/8/10/11, MacOS, Android, Chorme OS, Linux	Windows 7/8/10/11, MacOS, Android, Chorme OS, Linux
Wireless presentation	Yes, phone/tablet/pc/mac via Transcreen.app	Yes, phone/tablet/pc/mac via Transcreen.app	Yes, phone/tablet/pc/mac via Transcreen.app
OCR	Recognition of texts and shapes	Recognition of texts and shapes	Recognition of texts and shapes
Installed languages	PL, EN, FR, DE, CN, ES, JP	PL, EN, FR, DE, CN, ES, JP	PL, EN, FR, DE, CN, ES, JP
Content sharing	Email via QR code	Email via QR code	Email via QR code
Screen sharing	Can be split into 6 independent screens	Can be split into 6 independent screens	Can be split into 6 independent screens
Media playback	MKV, WMV, MPG, MPEG, DAT, AVI, MOV, ISO, MP4	MKV, WMV, MPG, MPEG, DAT, AVI, MOV, ISO, MP4	MKV, WMV, MPG, MPEG, DAT, AVI, MOV, ISO, MP4
Connections (front)	USB 3.0 x3 (Android + Windows OPS) USB x1 Touch HDMI IN x1 (3840x2160 @60Hz) USB-C x1 (15W+, 3840x2160 @60Hz)	USB 3.0 x3 (Android + Windows OPS) USB x1 Touch HDMI IN x1 (3840x2160 @60Hz) USB-C x1 (15W+, 3840x2160 @60Hz)	USB 3.0 x3 (Android + Windows OPS) USB x1 Touch HDMI IN x1 (3840x2160 @60Hz) USB-C x1 (15W+, 3840x2160 @60Hz)
Connections (side/rear)	OPS Slot x1 USB 3.0 x2 USB x2 Dotyk USB 2.0 x1 Android	OPS Slot x1 USB 3.0 x2 USB x2 Dotyk USB 2.0 x1 Android	OPS Slot x1 USB 3.0 x2 USB x2 Dotyk USB 2.0 x1 Android

Connections (side/rear)	USB 2.0 x1 OTG HDMI IN x2 (3840x2160 @60Hz) HDMI OUT x1 (3840x2160 @60Hz) DisplayPort IN x1 (3840x2160 @60Hz) RS232 x1 USB-C SPDIF x1 Mikrofon (Jack) x1 LineOut x1 LAN (RJ45) IN x1 LAN (RJ45) OUT x1	USB 2.0 x1 OTG HDMI IN x2 (3840x2160 @60Hz) HDMI OUT x1 (3840x2160 @60Hz) DisplayPort IN x1 (3840x2160 @60Hz) RS232 x1 USB-C SPDIF x1 Mikrofon (Jack) x1 LineOut x1 LAN (RJ45) IN x1 LAN (RJ45) OUT x1	USB 2.0 x1 OTG HDMI IN x2 (3840x2160 @60Hz) HDMI OUT x1 (3840x2160 @60Hz) DisplayPort IN x1 (3840x2160 @60Hz) RS232 x1 USB-C SPDIF x1 Mikrofon (Jack) x1 LineOut x1 LAN (RJ45) IN x1 LAN (RJ45) OUT x1
HDCP	HDMI in, HDMI out, USB-C	HDMI in, HDMI out, USB-C	HDMI in, HDMI out, USB-C
Physical buttons	Volume control Blackboard Power on/off Wireless screen sharing Brightness control	Volume control Blackboard Power on/off Wireless screen sharing Brightness control	Volume control Blackboard Power on/off Wireless screen sharing Brightness control
Blue light reduction	Tak	Tak	Tak
Network connections	Port LAN RJ45 Build-in Wi-Fi 2.4G/5G (Wi-Fi 6) Bluetooth 5.2	Port LAN RJ45 Build-in Wi-Fi 2.4G/5G (Wi-Fi 6) Bluetooth 5.2	Port LAN RJ45 Build-in Wi-Fi 2.4G/5G (Wi-Fi 6) Bluetooth 5.2
Power supply	100-240V, 50-60 Hz	100-240V, 50-60 Hz	100-240V, 50-60 Hz
Power consumption (Energy-Star)	124W	138W	148W

INCLUDED ACCESSORIES

Remote control	x1	x1	x1
Cable	x1 power cable (3m)	x1 power cable (3m)	x1 power cable (3m)
Stylus pen	2x double-sided dedicated stylus	2x double-sided dedicated stylus	2x double-sided dedicated stylus
Documentation	Quick start, safety guide	Quick start, safety guide	Quick start, safety guide
Wall bracket	x1 dedicated wall mount	x1 dedicated wall mount	x1 dedicated wall mount

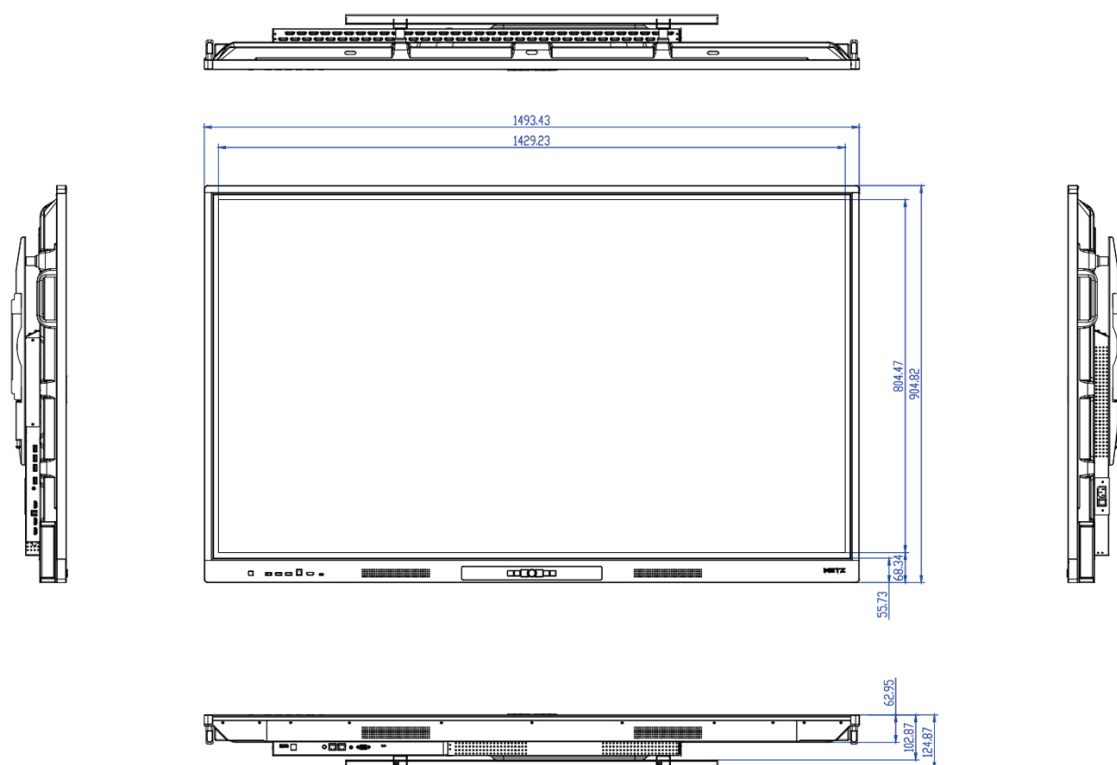
DIMENSIONS AND WEIGHT

Size	1493.43 x 904.78 x 102.87mm	1715.66 x 1030.15 x 103.15mm	1961.0 x 1167.8 x 103.15mm
Size with wall bracket	1493.43 x 904.78 x 124.87mm	1715.66 x 1030.15 x 131.55mm	1961.0 x 1167.8 x 122.65mm
Size with VESA	600x400	600x500	800x600
Size with box	1623 x 1065 x 215mm	1846 x 1155 x 215mm	2092 x 1329 x 215mm
Weight of monitor	39Kg	50Kg	66Kg
Total weight	50Kg	65Kg	82Kg

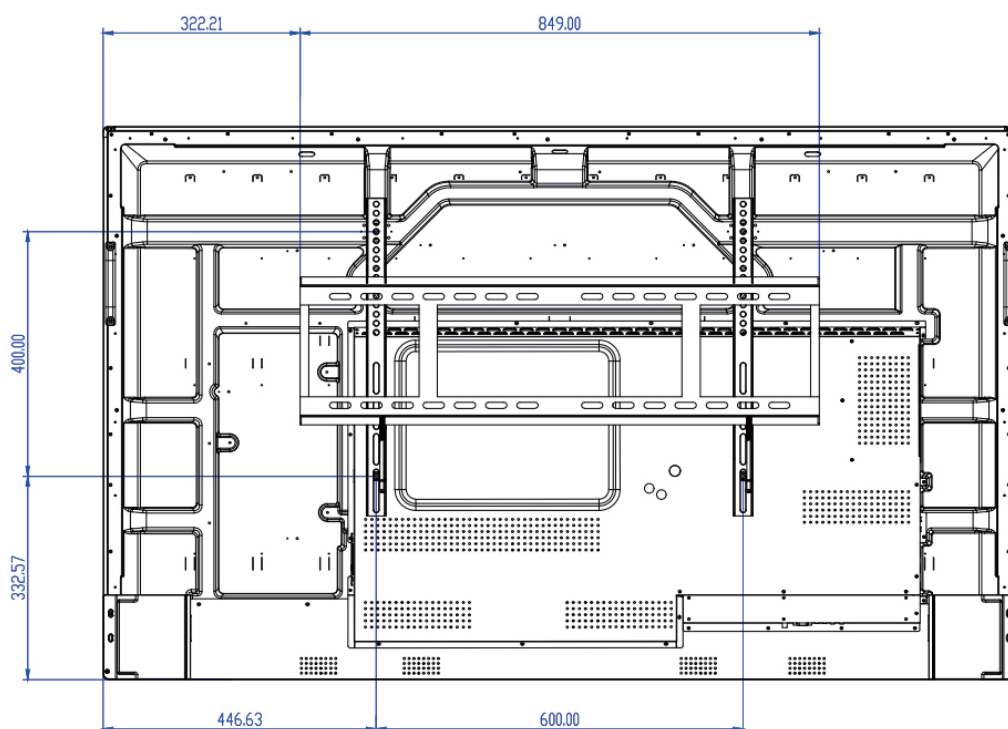
Technical drawings

METZ 65KD1

Front view

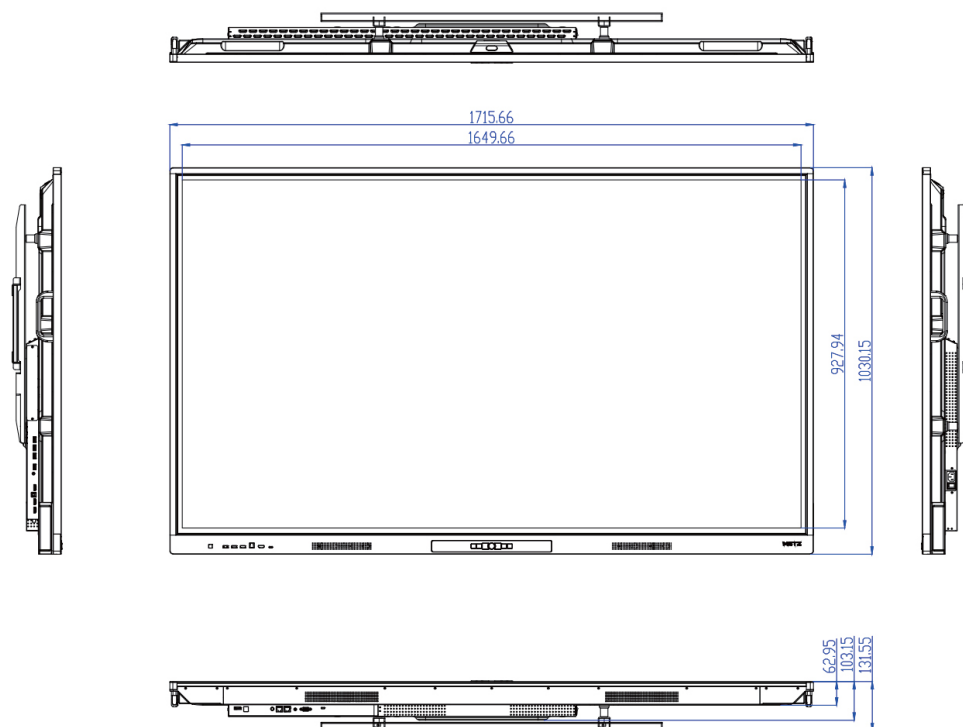


Rear view

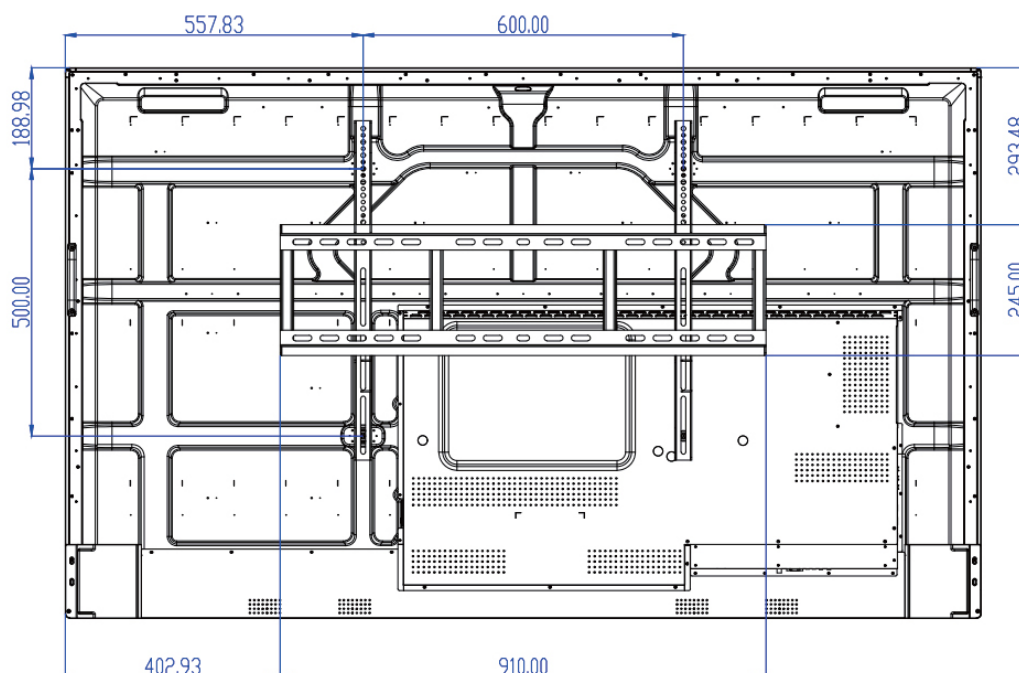


METZ 75KD1

Front view



Rear view

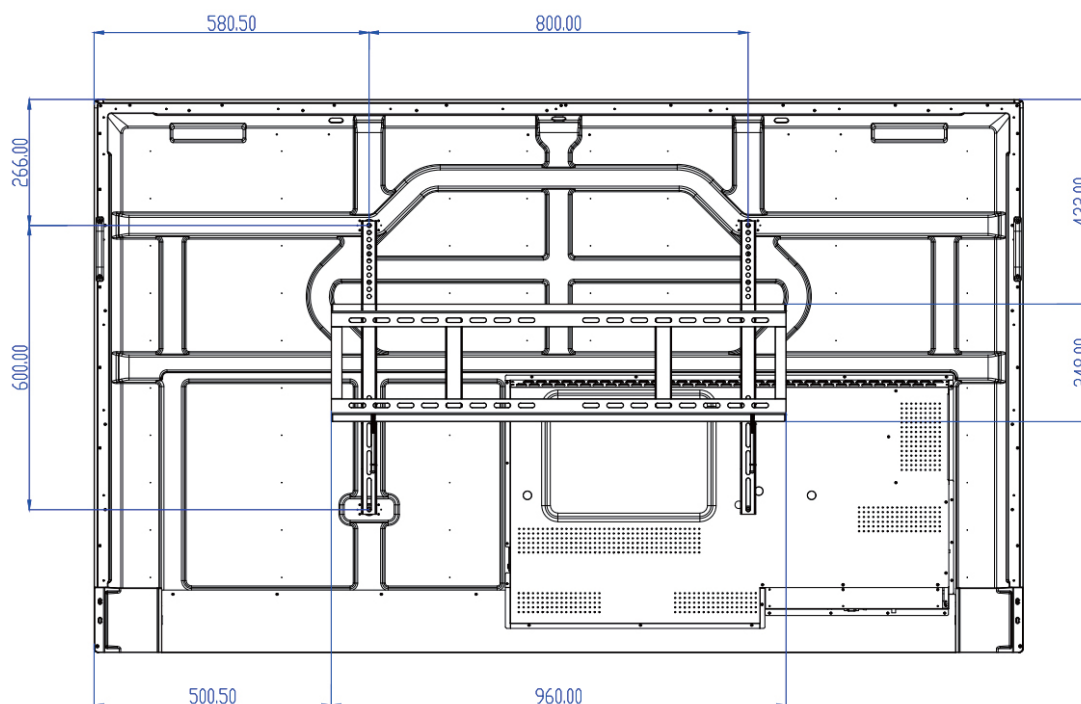


METZ 86KD1

Front view



Rear view



Certificates



www.metzdisplay.eu



*rack not included

