

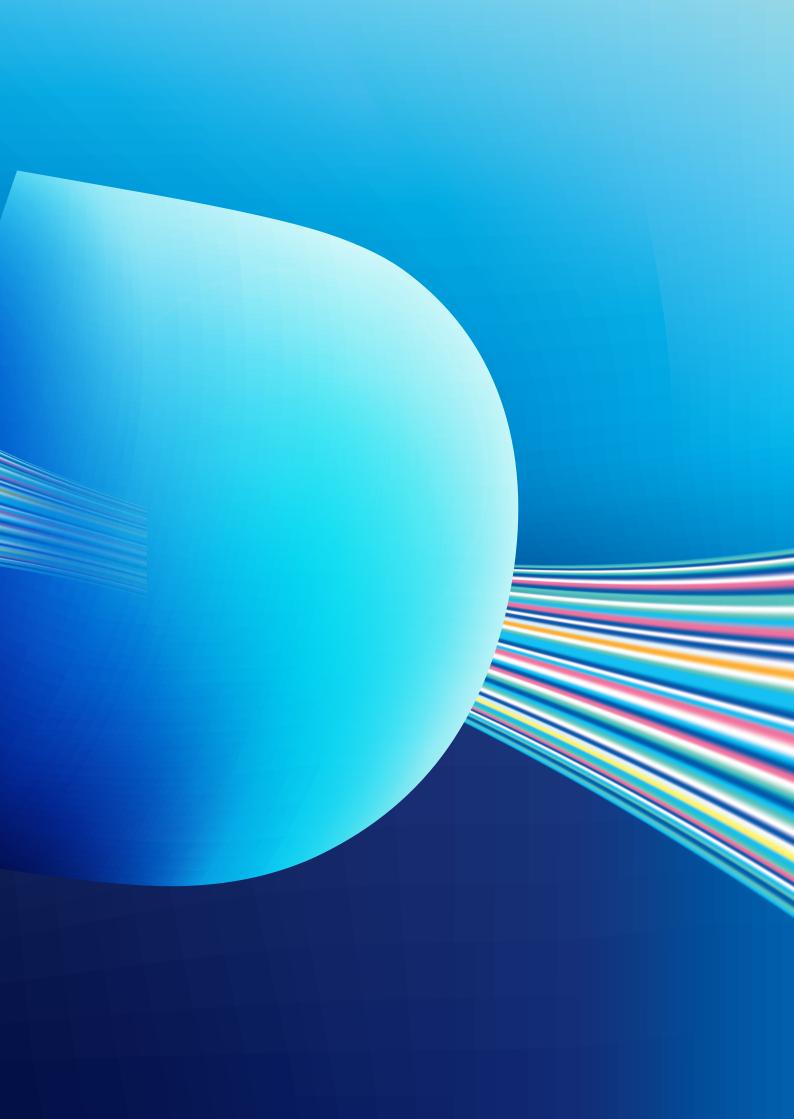
PREMIUM VISUAL SOLUTIONS

PRODUCT CATALOG

DynaScan

Unifying Visions

At DynaScan, our goal has always been to create visual solutions that capture the viewer's attention and provide engagement. This year, we are taking that philosophy further by introducing a range of new display technologies to give our customers a diverse selection of display options to choose from.



BRIGHTER BY DESIGN

ABOUT DYNASCAN

MANUFACTURING SUPERIOR PROFESSIONAL DISPLAYS SINCE 1998

DynaScan is a leading brand of professional LCD and LED displays. World-renowned for our high brightness displays, we continuously expand our portfolio with new products, solutions, and features. With offices in Asia, Europe and North America, we are uniquely equipped for international rollouts and client support.



PRODUCT CATEGORY

With installations around the world, DynaScan displays are a proven solution for high ambient light applications. With brightness ratings as high as 6000 nits, DynaScan ultra-high brightness LCDs shine bright in direct sunlight—making them an ideal solution for window-facing applications, semi-outdoor, and brightly lit indoor environments.

HIGH BRIGHTNESS LCD SOLUTION

As the first to produce a professional LCD specifically designed for use in direct sunlight, DynaScan continues to be the proven solution for high ambient light environments.

With brightness ratings as high as 6000 nits, DynaScan ultra-high brightness LCDs are among the brightest in the world, allowing them to shine bright in direct sunlight and are ideal for enclosures, kiosks, and window-facing applications.

Brightness doesn't come at a sacrifice of color quality. Every screen is TrueColor™ calibrated to ensure superb color quality and uniformity.

Not only are DynaScan UHB displays the brightest in the world, but with the lowest watt per nit ratings in the industry, they are also among the most power-efficient. DynaScan offers the widest variety of sizes models ranging from 32" to 86", and in brightness levels ranging from 2500 to 6000 nits.

DynaScan



INDUSTRY TREND

Retailers are fighting to stand out from other stores with rapidly adapting and engaging messages that can only be accomplished in a digital medium. Within the time it takes to design, print, ship, and install a printed poster, the messaging needs could have easily changed. High brightness displays are a necessity for window-facing digital signage; displays are competing against the reflection on the glass and the brightness of direct sunlight. Not only does DynaScan manufacture displays to overcome these challenges, but we've also designed them to accurately reproduce brand colors, skin tones, and colorways. **NDOOR**

KEY FEATURE

A WIDE VARIETY OF SIZES AND STYLES

One size does not fit all applications. DynaScan is the only manufacturer in the industry to offer a full range of high brightness LCDs ranging from 32" to 86" in standard and narrow bezel styles.





KEY FEATURE

THE BRIGHTEST IN THE WORLD

DynaScan ultra-high brightness LCDs with maximum brightness ratings up to 6000 nits, which can easily be viewed in direct sunlight, such as storefront windows or outdoor enclosures without interference of glare from surrounding glass and reflections.



TRUECOLOR™ CALIBRATED

Every screen is factory calibrated to D65 (6500K) CIE color standard. This color setting produces a natural looking image which has a correlated color temperature to that of daylight.



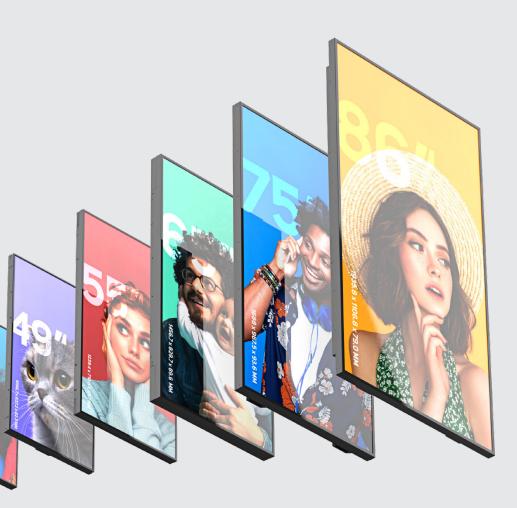
BRIGHTNESS & COLOR GUARANTEED

All DynaScan high brightness LCDs are guaranteed to produce a bright, vivid image with a brightness and color degradation of no more than 9% over 5 year of continuous use.



INTELLIGENT THERMAL MANAGEMENT

Heat generated by the display is radiated away from high temperature areas while a sensor continuously monitors the internal temperature to protect the system from overheating.





KEY FEATURE

STOREFRONT WINDOW DISPLAYS

Digital media is only effective if viewers are able to see it. DynaScan high brightness professional LCDs are a perfect solution for indoor environments that receive a high amount of ambient light such as storefront windows. To prevent blackening defect, DynaScan utilizes high-TNi LCD panels which can withstand temperatures up to 110°C (230°F).



LOCAL DIMMING BACKLIGHT

The display features a proprietary local dimming LED back light technique for a remarkably high contrast picture. With direct local dimming, darker areas of an image receive less backlighting than lighter areas.



BLACKENING DEFECT FREE

DynaScan offers most high brightness screens with high temperature LCD panels which can withstand temperatures up to 110°C (230°F) without blackening. This is especially crucial for direct sunlight applications.



PROFESSIONAL USE

Designed for worry-free 24/7 operation in both portrait and landscape orientations



32" HIGH BRIGHTNESS DISPLAY

MODEL DS323LT4

SIZE 32"

BRIGHTNESS 2500 nits

RESOLUTION 1920 x 1080

The DS323LT4 is a 32-inch professional high brightness LCD. With a brightness rating of 2500 nits, this display features an LED back light for high contrast picture quality and low power consumption.

37" BAR-TYPE HIGH BRIGHTNESS DISPLAY

MODEL DS371BT4

SIZE 37″



BRIGHTNESS 3000 nits

RESOLUTION 1920 x 540

The DS371BT4 is a 37.5-inch high brightness stretched professional LCD. With a stretched 32:9 aspect ratio, the DS371BT4 is designed for special applications where height is limited.

43" HIGH BRIGHTNESS DISPLAY

MODEL DS431LT4

SIZE 43"

BRIGHTNESS 2500 nits

RESOLUTION 1920 x 1080



The DS431LT4 is a 43-inch professional high brightness LCD with a 2500 nit brightness rating and 8.7 mm even bezel.

MONITOR DIMENSION



32" HIGH BRIGHTNESS DISPLAY

DS323LT4 719.6 x 415.7 x 76.6 mm 28.33 x 16.37 x 3.02 inch 37" BAR-TYPE HIGH BRIGHTNESS DISPLAY

DS371BT4 914.9 x 280.8 x 51.5 mm 36.02 x 11.05 x 2.03 inch 43" HIGH BRIGHTNESS DISPLAY



DS431LT4 962.1 x 552.0 x 77.4 mm 37.88 x 21.73 x 3.05 inch





49" FANLESS HIGH BRIGHTNESS DISPLAY

MODEL DS491LT5-1

SIZE 49"

BRIGHTNESS 4000 nits

RESOLUTION 1920 x 1080

The DS491LT5-1 is a full HD 49-inch high brightness LCD featuring fanless cooling technology. Integrated Android™ Media Player or optional Intel® SDM slot.

55" FANLESS HIGH BRIGHTNESS DISPLAY

MODEL DS552LT5-2

SIZE 55″

BRIGHTNESS 4000 nits

RESOLUTION 1920 x 1080

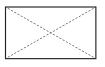


The DS552LT5-2 is a 55-inch high brightness professional LCD with fanless cooling. Integrated Android™ Media Player.

MONITOR DIMENSION

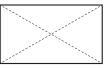


49" FANLESS HIGH BRIGHTNESS DISPLAY



DS491LT5-1 1096.7 x 627.2 x 82.3 mm 43.18 x 24.69 x 3.24 inch

55" FANLESS HIGH BRIGHTNESS DISPLAY



DS552LT5-2 1239.4 x 710.0 x 87.7 mm 48.80 x 27.95 x 3.45 inch





65" HIGH BRIGHTNESS DISPLAY

MODEL DS653LT5

SIZE 65″

BRIGHTNESS 4000 nits

RESOLUTION 1920 x 1080

The DS653LT5 is a 65-inch professional ultra-high brightness (UHB) LCD with a maximum brightness rating of 4000 nits.

75" 4K UHD HIGH BRIGHTNESS DISPLAY

MODEL DS752LT5

SIZE 75"

BRIGHTNESS 4000 nits

RESOLUTION 3840 x 2160



The DS752LT5 is an ultra HD 75-inch high brightness LCD featuring an LED backlight producing a 4500 nit sunlight viewable image.

86" 4K UHD HIGH BRIGHTNESS DISPLAY

MODEL DS861LR4

SIZE 86″

BRIGHTNESS 3500 nits

RESOLUTION 3840 x 2160

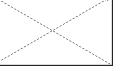


The largest model in the DS series, measuring 86-inches diagonally, the display features a 4K UHD 86-inch LCD with a high brightness LED backlight producing a 3500 nit sunlight-viewable image.

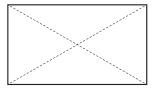
MONITOR DIMENSION



65" HIGH BRIGHTNESS DISPLAY



DS653LT5 1456.7 x 829.7 x 89.6 mm 57.35 x 32.64 x 3.53 inch 75" 4K UHD HIGH BRIGHTNESS DISPLAY



DS752LT5 1688 x 967.5 x 93.6 mm 66.45 x 38.09 x 3.69 inch 86" 4K UHD HIGH BRIGHTNESS DISPLAY



DS861LR4 1935.8 x 1106.8 x 79.0 mm 76.21 x 43.57 x 3.11 inch



SPECIFICATIONS SMALL

	Model	32" HIGH BRIGHTNESS DISPLAY DS323LT4	37" BAR-TYPE HIGH BRIGHTNESS DISPLAY DS371BT4	43" HIGH BRIGHTNESS DISPLAY DS431LT4
		03023114	000/1014	00401014
	LCD Panel Size	31.55"	37"	42.5"
	Native Resolution	1920 x 1080	1920 x 540	1920 x 1080
	Brightness	2500 nits	3000 nits	2500 nits
	Color Depth	10 bits	8 bits	8 bits
PANEL	Contrast Ratio	1300 : 1	4000:1	4000:1
PANEL	Response Time (Typ.)	9 ms	16 ms	8 ms
	Viewing Angle	178° / 178°	178° / 178°	178° / 178°
	Light Lifetime (Typ.)	100,000 hrs	50000 hrs	100,000 hrs
	Blackening Defect Free Polarized Sunglasses Support	Up to 110°C (230°F) -	Up to 110°C (230°F) -	Up to 110°C (230°F) -
	Power Supply	Internal	Internal	Internal
POWER	Rated Voltage	100-240V ~ 50/60Hz	100-240V ~ 50/60HZ	100-240V ~ 50/60HZ
	Power Consumption (Typ./ Max.)	145 W	95 W / 145 W	220 W
	Bezel Width (T/B/L/R)	8.7 / 8.7 / 8.7 / 8.7 mm	11.7 / 11.7 / 5.6 / 5.6 mm	8.7 / 8.7 / 8.7 / 8.7 mm
	Monitor Dimension (LxHxD)	719.6 x 415.7 x 76.6 mm	914.9 x 280.8 x 51.5 mm	962.1 x 552.0 x 77.4 mm
MECHANICAL	Monitor Weight	9.8 kg	9 kg	18.1 kg
	VESA Mounting (LxH)	200 x 200 mm	200 x 100 mm	400 x 200 mm
	Language	English	English	English
	Built-in Video Wall Support	-	Up to 15x15	-
	Support SNMP (Up to V3.0)	Yes	Yes	Yes
	Image Retention Protection	Yes	Yes	Yes
FEATURE	Auto Orientation Sensor	Yes	Yes	Yes
	Ambient Light Sensor	Yes	Yes	Yes
	Power On/Off Scheduling	Yes	Yes	Yes
	OSD Menu Rotation	Yes	Yes	Yes
	HDMI 1.4b (HDCP 1.4)		x 1 (1080p)	
	HDMI 2.1 (HDCP 2.3)	x2 (1080p recommended)	-	x2 (1080p recommended)
	DVI-D	-	xl	-
INPUT	DisplayPort	-	x 1	-
	USB 2.0	x2	x 1 (For Internal Player)	x2
	USB 3.0	-	-	-
	SD Slot	-	x 1 (For Internal Player)	-
	Micro SD Slot	-	-	-
	VGA Audio	-	-	-
OUTPUT	DVI-D	-	x 1	-
001201	Audio	xl	x1	x1
	DC 020			
EXTERNAL CONTROL	RS-232 RJ-45	ln x 1 x 1 (LAN)	ln x 1, Out x 1 x 1 (LAN)	In x 1 x 1 (LAN)
	Operating System	Android 11.0	Android 4.4.2	Android 11.0
	Processor	Quad-core A53	ARM Quad-Core Cortex-A9	Quad-core A53
	Clock Speed	1.5GHz	1.6 GHz	l.5GHz
	Main Memory Interface	DDR4, 2GB	DDR3L-1066, 1GB	DDR4, 2GB
PLAYER	Graphics	Mali G52	Mali400MP4 support OpenGL	Mali G52
			ES1.1/2.0, Open VG1.1	
	Wi-Fi Specification	802.11a/b/g/n/ac (2T2R) 2.4GHz/5GHz	802.11 b/g/n 2412.0MHz - 2462.0MHz	802.11a/b/g/n/ac (2T2R) 2.4GHz/5GHz
	Operating Temperature	0°~ 45° C	0°~ 40° C	0°~ 45° C
ENVIRONMENT	Storage Temperature	-20°~60° C	-20°~60° C	-20°~60° C
	Humidity	10% ~ 80% RH Non-condensing	10% ~ 80% RH Non-condensing	10% ~ 80% RH Non-condensing
CERTIFICATION		CE / FCC / ROHS	CE / FCC / ROHS	CE / FCC / ROHS
		Quick Start Guide	Quick Start Guide	Quick Start Guide
		Power Cord	Power Cable	Power Cord
		Remote Control (2 Batteries included)	Remote Control (2 Batteries included)	Remote Control (2 Batteries included)
ACCESSORIES		IR & Ambient Sensor	IR & Ambient Sensor	IR & Ambient Sensor
		Thermal Sensor Kit 302 (optional)	Thermal Sensor Kit 201 (optional)	Thermal Sensor Kit 302 (optional)

SPECIFICATIONS MEDIUM

		49" FANLESS HIGH BRIGHTNESS DISPLAY	55" FANLESS HIGH BRIGHTNESS DISPLAY
	Model	DS491LT5-1	DS552LT5-2
	LCD Panel Size	48.5"	54.64"
	Native Resolution	1920 x 1080	1920 x 1080
	Brightness	4000 nits	4000 nits
	Color Depth	10 bits	8 bits
DANEL	Contrast Ratio	3000:1	3000:1
PANEL	Response Time (Typ.)	8 ms (Typ.)	9 ms
	Viewing Angle Light Lifetime (Typ.)	178° / 178°	178° / 178° 100,000 hrs
	Blackening Defect Free	100,000 hrs Up to 110°C (230°F)	Up to 110°C (230°F)
	Polarized Sunglasses Support	Yes	Yes
	Power Supply	Internal	Internal
POWER	Rated Voltage	100-240V ~ 50/60Hz	100-240V ~ 50/60Hz
	Power Consumption (Typ./ Max.)	110 W / 240 W	115 W / 260 W
	Bezel Width (T/B/L/R)	8.7 / 8.7 / 8.5 / 8.5 mm	10.9 / 10.9 / 10.9 / 10.9 mm
MECHANICAL	Monitor Dimension (LxHxD)	1096.7 x 627.2 x 82.3 mm	1239.4 x 710.0 x 87.7 mm
	Monitor Weight	20 kg	27.5 kg
	VESA Mounting (LxH)	400 x 400 mm	400 x 400 mm
	Language	English	English
	Built-in Video Wall Support Support SNMP (Up to V3.0)	- Yes	- Yes
	Image Retention Protection	Yes	Yes
FEATURE	Auto Orientation Sensor	Yes	Yes
	Ambient Light Sensor	Yes	Yes
	Power On/Off Scheduling	Yes	Yes
	OSD Menu Rotation	Yes	Yes
	HDMI 1.4b (HDCP 1.4)	-	-
	HDMI 2.1 (HDCP 2.3)	x2 (1080p recommended)	x2 (1080p recommended)
INPUT	DVI-D	-	-
INPUT	DisplayPort USB 2.0	- x2	- x2
	USB 3.0	-	-
	SD Slot	-	-
	Micro SD Slot	-	-
	VGA	-	-
	Audio	-	-
OUTPUT	DVI-D	-	-
001201	Audio	xl	x1
EXTERNAL	RS-232	ln x 1	ln x 1
CONTROL	RJ-45	x1 (LAN)	x1(LAN)
	Operating System	Android 11.0	Android 11.0
	Processor	Quad-core A53	Quad-core A53
INTERNAL	Clock Speed	1.5GHz	1.5GHz
PLAYER	Main Memory Interface Graphics	DDR4, 2GB Mali G52	DDR4, 2GB Mali G52
	Wi-Fi Specification	802.11a/b/g/n/ac (2T2R) 2.4GHz/5GHz	802.11a/b/g/n/ac (2T2R) 2.4GHz/5GHz
		0°~ 45° C	0°~ 45° C
ENVIRONMENT	Operating Temperature Storage Temperature	-20°~60° C	-20°~60° C
ENVIRONMENT	Humidity	10% ~ 80% RH Non-condensing	10% ~ 80% RH Non-condensing
CERTIFICATION		CE / FCC / ROHS	CE / FCC / ROHS
		Quick Start Guide	Quick Start Guide
		Power Cord	Power Cord
ACCESSODIES		Remote Control (2 Batteries included)	Remote Control (2 Batteries included)
ACCESSORIES		IR & Ambient Sensor	IR & Ambient Sensor
		Thermal Sensor Kit 302 (optional)	Thermal Sensor Kit 302 (optional)

SPECIFICATIONS LARGE

LANOL				
		65" HIGH BRIGHTNESS DISPLAY	75" 4K UHD HIGH BRIGHTNESS DISPLAY	86" 4K UHD HIGH BRIGHTNESS DISPLAY
	Model	DS653LT5	DS752LT5	DS861LR4
	LCD Panel Size	65"	74.52"	85.6"
	Native Resolution	1920 x 1080	3840 x 2160	3840 x 2160
	Brightness	4,000 nits	4,500 nits	3,500 nits
	Color Depth	10 bits	10 bits	10 bits
	Contrast Ratio	4000:1	3000:1	3000:1
PANEL	Response Time (Typ.)	8 ms	8 ms	8 ms
	Viewing Angle	178° / 178°	178° / 178°	178° / 178°
	Light Lifetime (Typ.)	100,000 hrs	100,000 hrs	100,000 hrs
	Blackening Defect Free	Up to 110°C (230°F)	Up to 110°C (230°F)	Up to 110°C (230°F)
	Polarized Sunglasses Support	Yes	Yes	Yes
	Power Supply	Internal	Internal	Internal
POWER	Rated Voltage	100-240V ~ 50/60Hz	100-240V ~ 50/60Hz	100-240V ~ 50/60Hz
	Power Consumption (Typ./ Max.)	255 W / 550 W	420 W / 800 W	750 W / 1300 W
		"		
	Bezel Width (T/B/L/R)	11.8 / 11.8 / 11.8 / 11.8 mm	17.0 / 17.0 / 16.5 / 16.5 mm	17.8 / 17.8 / 17.8 / 17.8 mm
MECHANICAL	Monitor Dimension (LxHxD)	1456.7 x 829.7 x 89.6 mm	1688 x 967.5 x 93.6 mm	1935.8 x 1106.8 x 79.0 mm
	Monitor Weight	39.1 kg	58 kg	77 kg
	VESA Mounting (LxH)	400 x 400 mm, 600 x 400 mm	800 x 400 mm	600 x 400 mm
	Language	English	English	English
	Built-in Video Wall Support	-	-	-
	Support SNMP (Up to V3.0)	Yes	Yes	Yes
FEATURE	Image Retention Protection	Yes	Yes	Yes
TEATORE	Auto Orientation Sensor	Yes	Yes	Yes
	Ambient Light Sensor	Yes	Yes	Yes
	Power On/Off Scheduling	Yes	Yes	Yes
	OSD Menu Rotation	Yes	Yes	Yes
	HDMI 1.4b (HDCP 1.4)	-	-	-
	HDMI 2.1 (HDCP 2.3)	x2 (1080p recommended)	x2 (2160P)	x2 (2160P)
	DVI-D	-	-	-
INPUT	DisplayPort	x 1	x1	x1
	USB 2.0	-	-	-
	USB 3.0	x1	x1	x1
	SD Slot	-	-	-
	Micro SD Slot	x1	x1	x1
	VGA	-	-	-
	Audio	-	-	-
	DVI-D	-	-	
OUTPUT	Audio	x 1	x1	xl
EXTERNAL	RS-232	In x 1	In x 1	In x 1
CONTROL	RJ-45	x2 (LAN)	x2 (LAN)	x2 (LAN)
	Operating System	Android 8.0.0	Android 8.0.0	Android 8.0.0
	Processor	Dual-core A73 and dual-core A53	Dual-core A73 and dual-core A53	Dual-core A73 and dual-core A53
	Clock Speed	1.5GHz	1.5GHz	1.5GHz
	Main Memory Interface	DDR4, 2G	DDR4, 2G	DDR4, 2G
PLAYER	Graphics	Quad-core MaliG51	Quad-core MaliG51	Quad-core MaliG51
	Wi-Fi Specification	802.11 b/g/n 2412.0MHz - 2462.0MHz	802.11 b/g/n 2412.0MHz - 2462.0MHz	802.11 b/g/n 2412.0MHz - 2462.0MHz
	Operating Tomporature	0°~ 45° C	0°~ 45° C	0°~ 45° C
	Operating Temperature Storage Temperature	-20°~60° C	-20°~60° C	-20°~60° C
ENVIRONMENT	Humidity	10% ~ 80% RH Non-condensing	10% ~ 80% RH Non-condensing	10% ~ 80% RH Non-condensing
		10% 00% KI NOT Condensing	10% Ob A KI Norr Condensing	
CERTIFICATION		CE / FCC / RoHS	CE / FCC / RoHS	CE / FCC / RoHS
		Quick Start Guide	Quick Start Guide	Quick Start Guide
		Power Cord	Power Cord	Power Cord
		Remote Control (2 Batteries included)	Remote Control (2 Batteries included)	Remote Control (2 Batteries included)
ACCESSORIES		IR & Ambient Sensor	IR & Ambient Sensor	IR & Ambient Sensor
		Thermal Sensor Kit 202 (optional)	Thermal Sensor Kit 302 (optional)	Thermal Sensor Kit 302 (optional)

PRODUCT CATEGORY

With installations around the world, DynaScan displays are a proven solution for high ambient light applications. With brightness ratings as high as 6000 nits, DynaScan ultra-high brightness LCDs shine bright in direct sunlight—making them an ideal solution for window-facing applications, semi-outdoor, and brightly lit indoor environments.

ALL-IN-ONE WINDOW SOLUTION

Building on the success of the DS Series, the DynaScan DW Series offers an all-in-one solution specifically designed for window-facing display applications.

The DW Series offers users a complete display solution with high-end design features such as hidden cable management, portrait and landscape orientations, and versatile mounting options such as ceiling mount and floor stand compatibility.

Features, such as dual-sided display technology, allow store owners to reach customers outside their location with an ultra-bright sunlight-readable image while offering indoor brightness on the reverse for in-store communication.

Every screen is TrueColor™ calibrated to ensure superb color quality and uniformity and features auto-brightness control sensors to automatically dim the display as lighting conditions change.

DynaScan



INDUSTRY TREND

Window-facing digital signage is one of the key areas of real estate for store owners, restaurants, and service retailers to communicate with potential customers. Signage has the power to bring customers inside a store, educate customers of current promotions, and in turn increase revenue.

This is exceptionally helpful in industries such as fast fashion—in which styles are changing on a continuous basis—and restaurants, where daily specials and new menu additions can be visually displayed.

INDOOR

KEY FEATURE

DUAL-SIDED DESIGN

A double-sided display offers the flexibility to present different messaging points to customers inside as well as potential customers outside. A sunlight-viewable side shines bright in the window to allow visibility outdoors, while the reverse side offers reduced brightness for the indoor environment.





DUAL-SIDED DESIGN

A double-sided display offers the flexibility to present different messaging points to viewers on either side.



BLACKENING DEFECT FREE

DynaScan offers most high brightness screens with high temperature LCD panels which can withstand temperatures up to 110°C (230°F) without blackening. This is especially crucial for direct sunlight applications.



VIEWABLE WITH POLARIZED LENSES

To ensure the image can be clearly seen throughout the day, the display utilizes quarter-wave plate technology to prevent dark images when viewing with polarized sunglasses.

KEY FEATURE

VERSATILE CONFIGURATION

The DW Series is designed to be as versatile as possible—offering a variety of installation configurations in either portrait or landscape orientation. Whether hanging the display from the ceiling or positioning the display on the floor, optional mounting kits offer simple and versatile installation options.



TRUECOLOR™ CALIBRATED

Every screen is factory calibrated to the D65 (6500K) CIE color standard, producing a natural-looking image which has a correlated color temperature to that of daylight.



AUTO BRIGHTNESS CONTROL

Different external lighting conditions require different brightness levels. An onboard light sensor measures the ambient light in the area and automatically adjusts the image accordingly.

DynaScan www.dynascandisplay.com



PORTRAIT & LANDSCAPE

DynaScan www.dynascandisplay.com

The DW Series can be installed in both a landscape or portrait orientation to suit the needs of the application.

55" DUAL-SIDED HIGH BRIGHTNESS DISPLAY

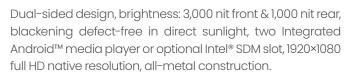
MODEL DW551DR4-1

SIZE

55" BRIGHTNESS

1000 / 3000 nits

RESOLUTION 1920 x 1080



55" CLEAN BACK HIGH BRIGHTNESS DISPLAY

MODEL DW551LR5

SIZE 55″

BRIGHTNESS 4000 nits

RESOLUTION 1920 x 1080



Single-sided design, brightness: 4,000 nit front & clean-back rear, blackening defect-free in direct sunlight, Integrated Android™ media player or optional Intel® SDM slot, 1920×1080 full HD native resolution, all-metal construction.

65" 4K UHD CLEAN BACK HIGH BRIGHTNESS DISPLAY

MODEL DW652LR5

SIZE 65"

BRIGHTNESS 4000 nits

RESOLUTION 3840 x 2160

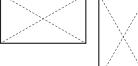


Single-sided design, brightness: 4,000 nit front & clean-back rear, blackening defect-free in direct sunlight, Integrated Android[™] media player or optional Intel® SDM slot, 3840×2160 4K UHD native resolution, all-metal construction.

MONITOR DIMENSION

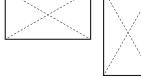






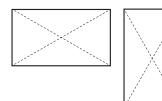
DW551DR4-1 1272.8 x 743.3 x 62.7 mm 50.1 x 29.3 x 2.5 inch





DW551LR5 1240.4 x 710.7 x 74.3 mm 48.8 x 28 x 2.9 inch

65" 4K UHD CLEAN BACK HIGH BRIGHTNESS DISPLAY

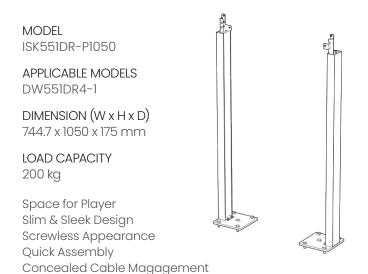




1472 x 847.4 x 74.3 mm 58 x 33.4 x 2.9 inch

DW652LR5

OPTIONAL KIT | STAND KIT



OPTIONAL KIT | HANGING KIT

MODEL IHK551DR-3000

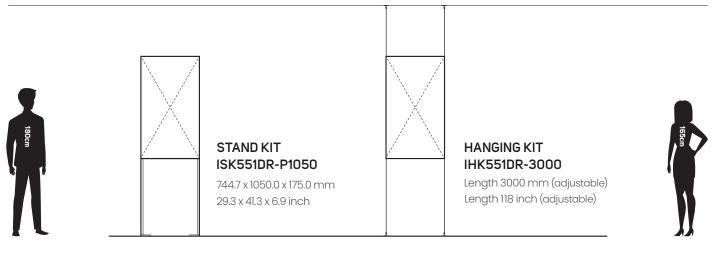
APPLICABLE MODELS DW551DR4-1

LENGTH OF WIRE 3000 mm (adjustable)

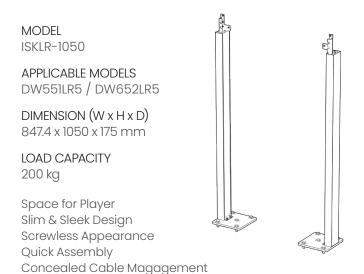
LOAD CAPACITY 200 kg

Zero Footprint Adjustable Length Portrait & Landscape Compatible Total 200 kg Capacity Quick Height Adjustment

MONITOR DIMENSION



OPTIONAL KIT | STAND KIT



OPTIONAL KIT | HANGING KIT

MODEL IHKLR-3000 APPLICABLE MODELS

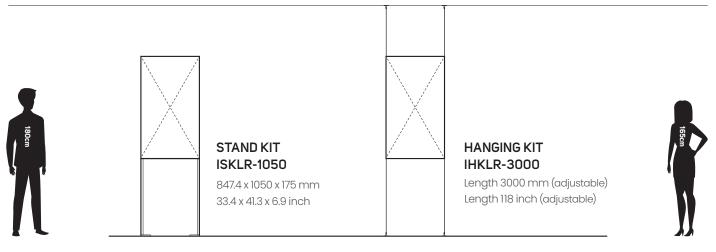
DW551LR5 / DW652LR5 LENGTH OF WIRE

3000 mm (adjustable)

LOAD CAPACITY 200 kg

Zero Footprint Adjustable Length Portrait & Landscape Compatible Total 200 kg Capacity Quick Height Adjustment

MONITOR DIMENSION



SPECIFICATIONS

All specifications subject to change without notice.

		55" DUAL-SIDED HIGH BRIGHTNESS DISPLAY	55" CLEAN BACK HIGH BRIGHTNESS DISPLAY	65" 4K UHD CLEAN BACK HIGH BRIGHTNESS DISPLAY
	Model	DW551DR4-1	DW551LR5	DW652LR5
	LCD Panel Size	54.64" x2	54.64"	64.53"
	Native Resolution	1920 x 1080	1920 x 1080	3840 x 2160
	Brightness	1000 nits / 3000 nits	4000 nits	4000 nits
	Color Depth	8 bits	8 bits	10 bits
	Contrast Ratio	3000:1	3000:1	1200 : 1
PANEL	Response Time (Typ.)	9 ms (Typ.)	9 ms (Typ.)	9 ms (Typ.)
	Viewing Angle	178° / 178°	178° / 178°	178° / 178°
	Light Lifetime (Typ.)	100,000 hrs	100,000 hrs	100,000 hrs
	Blackening Defect Free	Up to 110°C (230°F)	Up to 110°C (230°F)	Up to 110°C (230°F)
	Polarized Sunglasses Support	Yes	Yes	Yes
	Power Supply	Internal	Internal	Internal
POWER	Rated Voltage	100-240V ~ 50/60Hz	100-240V ~ 50/60Hz	100-240V ~ 50/60Hz
	Power Consumption (Typ./ Max.)	380 W	130 W / 260 W	240 W / 490 W
	Bezel Width (T/B/L/R)	29.5 / 29.5 / 29.5 / 29.5 mm	11/11/11/11mm	19 / 19 / 19 / 19 mm
	Monitor Dimension (LxHxD)	1272.8 x 743.3 x 62.7 mm	1240.4 x 710.7 x 74.3 mm	1472.2 x 847.4 x 74.3 mm
MECHANICAL	Monitor Weight	40 kg	27 kg	39 kg
	VESA Mounting (LxH)	Portrait / Landscape / Portrait Flip	Portrait / Landscape / Portrait Flip	Portrait / Landscape / Portrait Flip
	Language	English	English	English
	Built-in Video Wall Support	-	-	-
	Support SNMP (Up to V3.0)	Yes	Yes	Yes
	Image Retention Protection	Yes	Yes	Yes
FEATURE	Auto Orientation Sensor	Yes	Yes	Yes
	Ambient Light Sensor	Yes	Yes	Yes
	Power On/Off Scheduling	Yes	Yes	Yes
	OSD Menu Rotation	Yes	Yes	Yes
	HDMI 1.4b (HDCP 1.4)	_	_	_
	HDMI 2.1 (HDCP 2.3)	x2 (1080p recommended)	x2 (1080p recommended)	x2 (2160p)
	DVI-D	-	-	-
INPUT	DisplayPort	-	-	-
	USB 2.0	x2	x2	-
	USB 3.0	-	-	x1
	SD Slot	-	-	-
	Micro SD Slot	-	-	x1
	VGA	-	-	-
	Audio	-	-	_
OUTPUT	DVI-D	-	-	-
001901	Audio	x2	xl	xl
EXTERNAL	RS-232	ln x 1	ln x l	ln x 1
CONTROL	RJ-45	x2 (LAN)	x1 (LAN)	x2 (LAN)
	Operating System	Android 11.0	Android 11.0	Android 11.0
	Processor	Quad-core A53	Quad-core A53	Quad-core A73
INTERNAL	Clock Speed	1.5 GHz	1.5 GHz	1.8 GHz
PLAYER	Main Memory Interface	DDR4, 2GB	DDR4, 2GB	DDR4, 4GB
PLATER	Graphics	Mali G52	Mali G52	Mali G52
	Wi-Fi Specification	802.11a/b/g/n/ac (2T2R) 2.4GHz / 5GHz	802.11a/b/g/n/ac (2T2R) 2.4GHz / 5GHz	802.11a/b/g/n/ac (2T2R) 2.4GHz / 5GHz
	Operating Temperature	0°~ 45° C	0°~ 45° C	0°~ 45° C
	Storage Temperature	-20°~60° C	-20°~60° C	-20°~60° C
ENVIRONMENT	Humidity	10% ~ 80% RH Non-condensing	10% ~ 80% RH Non-condensing	10% ~ 80% RH Non-condensing
CERTIFICATION		CE / FCC / ROHS	CE / FCC / ROHS	CE / FCC / ROHS
		Quick Start Guide	Quick Start Guide	Quick Start Guide
		Power Cord	Power Cord	Power Cord
		Remote Control (2 Batteries included)	Remote Control (2 Batteries included)	Remote Control (2 Batteries included)
ACCESSORIES		IR & Ambient Sensor	IR & Ambient Sensor	IR & Ambient Sensor
		Thermal Sensor Kit 302 (optional)	Thermal Sensor Kit 302 (optional)	Thermal Sensor Kit 302 (optional)

PRODUCT CATEGORY OUTDOOR

DynaScan outdoor displays offer direct sunlight viewable images with year-round performance in inclement weather. DynaScan outdoor displays are IP-rated for protection from water and dust and feature IK10 vandal resistance for security and safety. The DO Series is designed as a ready-to-use solution for standalone applications while the DK Series offers a complete, robust all-in-one double-sided kiosk solution.

OUTDOOR KIOSK SOLUTIONS

Building on our legacy as a pioneer of sunlight-viewable digital signage displays DynaScan introduces a new line of outdoor digital signage kiosks that have beendesigned, developed, and manufactured from the ground up for year-round performance in direct sunlight and inclement weather.

Featuring an eye-catching large-format double-sided design and an ultra-bright image as high as 4000 nits, the new DK Series gives advertisers, venue owners, and municipalities the performance to clearly communicate with their audiences.

DynaScan outdoor kiosks are designed with high-performance visibility, security, and versatility in mind. From stadiums to smart cities, DynaScan outdoor kiosks are ideal for a wide variety of applications.

Features like an ultra-high brightness image up to 4000 nits provide an easy-to-see image in direct sunlight, while optional network connectivity gives operators the power to monitor, control, and troubleshoot from virtually anywhere.

DynaScan



DynaScan



INDUSTRY TREND

Outdoor digital signage kiosks offer advertisers opportunities that were simply not previously available with static posters. With the right approach, outdoor digital signage can be an excellent facilitator between the public and city services by providing timely communication about city services, educating communities about local events and news, as well as promoting local businesses.

Digital content can not only change throughout the day or week, but it can even be custom tailored for a variety of environmental factors such as a fast food restaurant promoting ice cream offerings when the temperature exceeds a certain threshold, or a clothing retailer can show the latest outerwear designs in cold weather. Additionally, digital displays can utilize real-time data to analyze campaign performance and help tailor future messaging.

OUTDOOR



IP-RATED WEATHER RESISTANT

Rain or shine, DynaScan outdoor displays can endure what mother nature has to offer. All-metal rustproof construction with IP56 weather protection resists water and dust from entering the display even in some of the harshest environments.

FILTERLESS DESIGN

Filters not only reduce cooling efficiency by lowering air intake, but they can also cause a product failure if not properly maintained. DynaScan employs a proprietary thermal management system that doesn't require filters.





DUAL-SIDED DESIGN

A double-sided display offers the flexibility to present different messaging points to viewers on either side.



HIGH BRIGHTNESS SUNLIGHT VIEWABLE IMAGE

With sustained brightness of 4000 nits, DynaScan outdoor kiosk are easily viewed in direct sunlight.



VIEWABLE WITH POLARIZED LENSES

To ensure the image can be clearly seen throughout the day, the display utilizes quarter-wave plate technology to prevent dark images when viewing with polarized sunglasses.

VANDAL RESISTANT IK10 RATED

With a tough, steel frame and double laminated glass with IK10 protection, DynaScan outdoor displays are durable and secure.





ROBUST, READY-TO-INSTALL OUTDOOR SOLUTION

With an all-in-one design and a variety of video input options, DynaScan outdoor kiosks offer a feature-packed display solution that is ready for rapid deployment.

100,000

100,000 HRS. BACKLIGHT LIFETIME

Designed for worry-free 24/7 operation in both portrait and landscape orientations for years to come.



REMOTE OPERATION & CONTROL *

Onboard sensors continuously monitor conditions such as internal temperature, brightness, and power status, providing network operators with vital information about the display's performance.

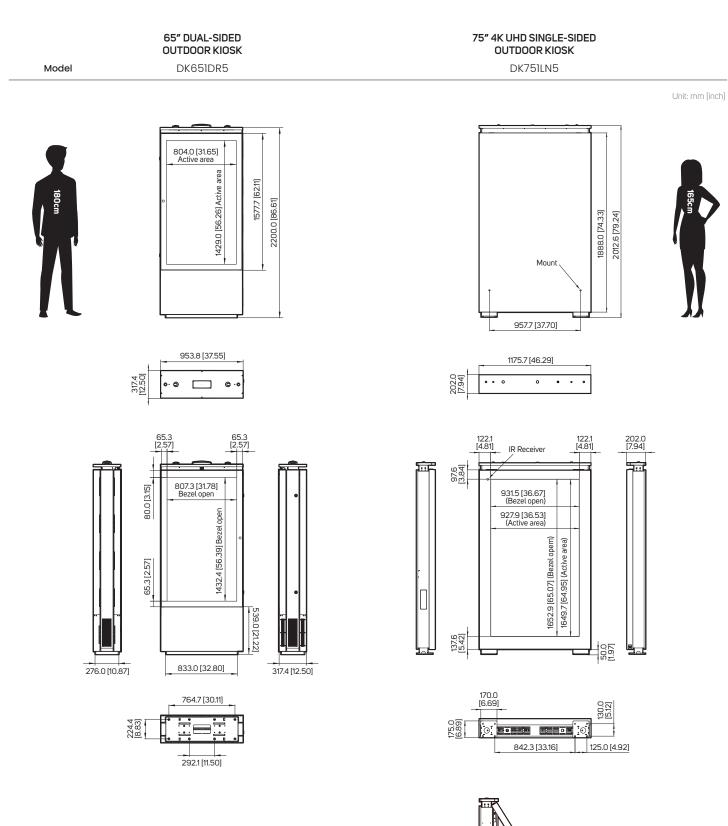
*Available as an optional add-on

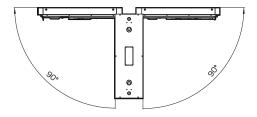


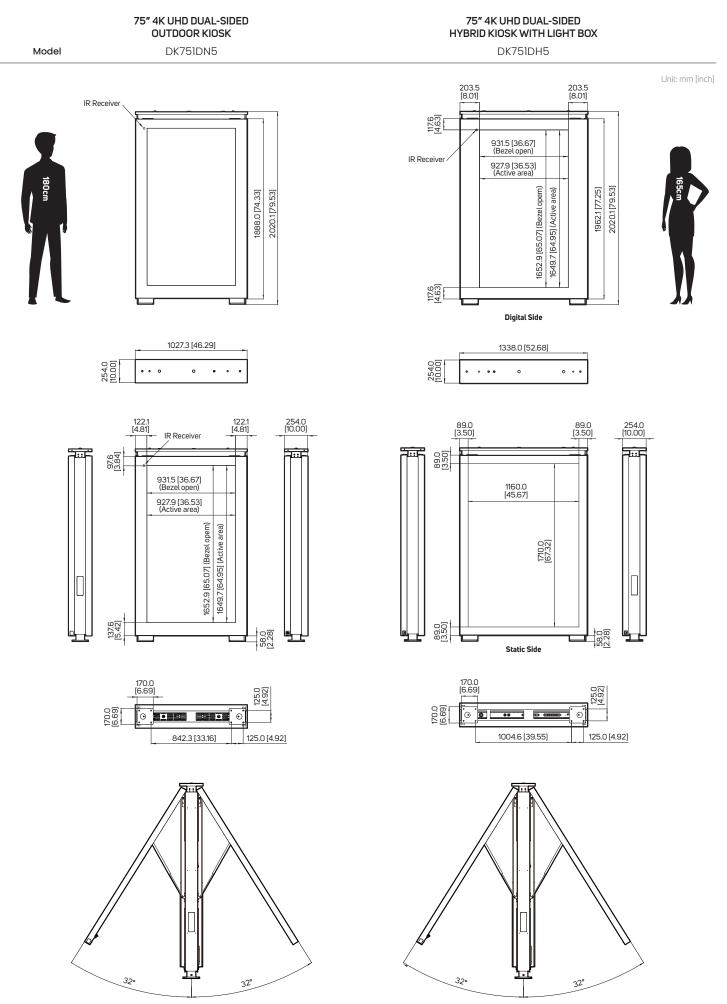
INTELLIGENT THERMAL MANAGEMENT

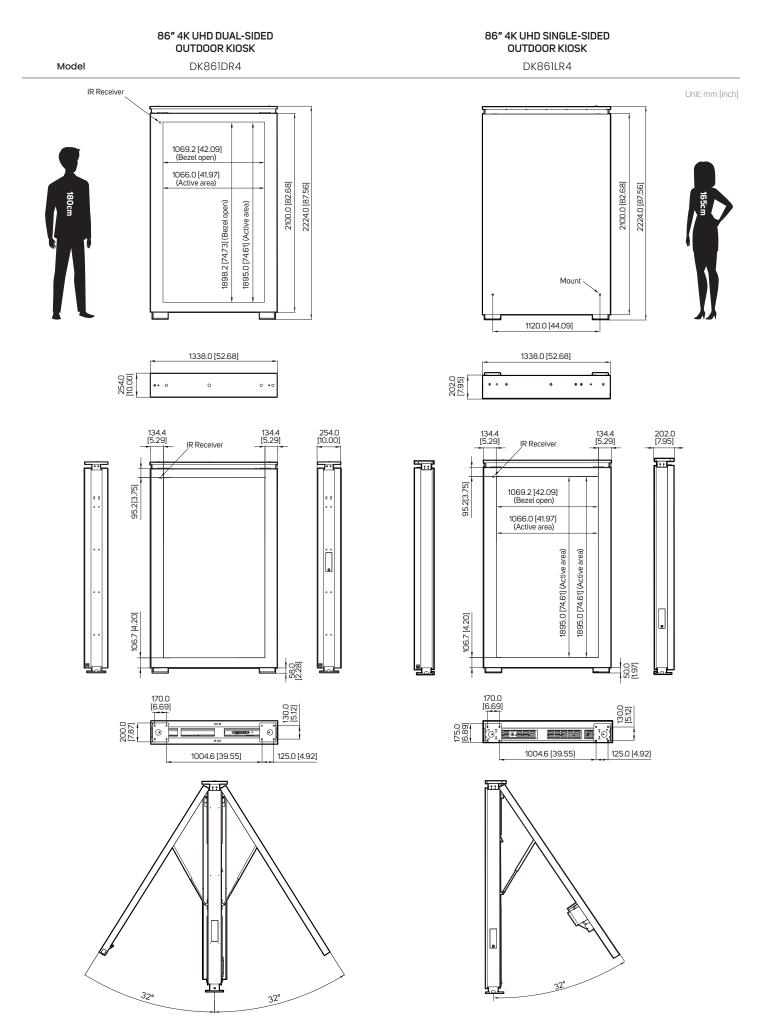
A hybrid thermal management system of customized dual heat sinks provides constant passive cooling without any power usage at lower temperatures.

32°

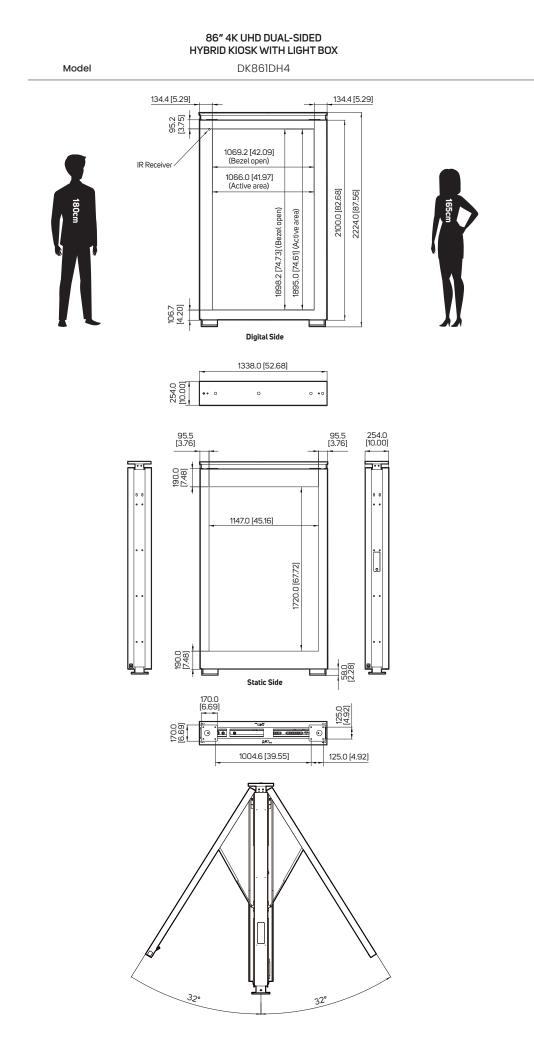








Unit: mm [inch]



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SPECIFICATIONS

		65" DUAL-SIDED OUTDOOR KIOSK	75" 4K UHD SINGLE-SIDED OUTDOOR KIOSK	75" 4K UHD DUAL-SIDED OUTDOOR KIOSK	75" 4K UHD DUAL-SIDED HYBRID KIOSK WITH LIGHT BOX
	Model	DK651DR5	DK751LN5	DK751DN5	DK751DH5
	LCD Panel Size	65″ (x2)	74.52″	74.52″ (x2)	74.52″
	Native Resolution	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160
	Brightness	4000 nits	4000 nits	4000 nits	4000 nits
	Color Depth	10 bits	10 bits	10 bits	10 bits
DISPLAY	Contrast Ratio	4000:1	3000:1	3000:1	3000:1
	Light Lifetime (Typ.)	100,000 hrs	100,000 hrs	100,000 hrs	100,000 hrs
	Viewing Angle	178° / 178°	178° / 178°	178° / 178°	178° / 178°
	Polarized Sunglasses Sup	port Yes	Yes	Yes	Yes
	Orientation	Portrait	Portrait	Portrait	Portrait
	Detection Method	Projected Capacitive Touch Technology	Projected Capacitive Touch Technology	Projected Capacitive Touch Technology	Projected Capacitive Touch Technology
TOUCH (OPTIONAL)	Input Method	Finger and Gloved Finger	Finger and Gloved Finger	Finger and Gloved Finger	Finger and Gloved Finger
	Noise Shielding	Yes	Yes	Yes	Yes
	Number of Simultaneous Touches	Max. 40 points	Max. 40 points	Max. 40 points	Max. 40 points
	Rated Voltage	200-240V ~ 50/60Hz	100-240 V~ 50/60Hz	200-240 V~ 50/60Hz	100-240 V~ 50/60Hz
POWER	Power Consumption (Typ./	Max) 650W / 2000W	470 W / 950 W	850 W / 1850 W	550 W / 1000 W
	Cabinet Color	Black	Black	Black	Black
	Kiosk Dimension (LxHxD)	953.8 x 2200 x 317.4 mm	1175.7 x 1962.1 x 202.0 mm	1175.7 x 1962.1 x 254.0 mm	1338.0 x 1962.0 x 254.0 mm
MECHANICAL	Kiosk Weight	380 kg	280 kg	415 kg	< 350 kg (lightbox excluded)
SPECS	Glass	Double Laminated Tempered	Double Laminated Tempered	Double Laminated Tempered	Double Laminated Tempered
	Air Vent	Top & Bottom	Top & Bottom	Top & Bottom	Top & Bottom
	Base	539.0 mm H	50.0 mm H	58.0 mm H	58.0 mm H
	Image Retention Protectio	on Yes	Yes	Yes	Yes
FEATURE	Ambient Light Sensor	Yes	Yes	Yes	Yes
	Power On/Off Scheduling	Yes	Yes	Yes	Yes
	HDMI 2.1 (HDCP 2.3)	x6 (1080p recommended)	x3 (2160p)	x6 (2160p)	x3 (2160p)
INPUT	DisplayPort 1.2	x2	x1	x2	хl
INFOI	USB 3.0	x2	x1	x2	хl
	Micro SD Slot	x2	x۱	x2	x1
	Operating Temperature	-30° C ~ 50° C	-30° C ~ 50° C	-30° C ~ 50° C	-30° C ~ 50° C
ENVIRONMENT	Storage Temperature	-20° C ~ 60° C	-20° C ~ 60° C	-20° C ~ 60° C	-20° C ~ 60° C
	Humidity	10% ~ 100% RH Non-condensing	10% ~ 100% RH Non-condensing	10% ~ 100% RH Non-condensing	10% ~ 100% RH Non-condensing
	Water and Dust Resistant Design	IP56	IP56	IP56	IP56

CERTIFICATION

SPECIFICATIONS

		86" 4K UHD DUAL-SIDED OUTDOOR KIOSK	86" 4K UHD SINGLE-SIDED OUTDOOR KIOSK	86" 4K UHD DUAL-SIDED HYBRID KIOSK WITH LIGHT BOX
	Model	DK861DR4	DK861LR4	DK861DH4
	LCD Panel Size	85.6″ (x2)	85.6″	85.6″
	Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160
	Brightness	3500 nits	3,500 nits (digital side)	3,500 nits (digital side)
	Color Depth	10 bits	10 bits	10 bits
DISPLAY	Contrast Ratio	3000:1	3000:1	3000:1
	Light Lifetime (Typ.)	100,000 hrs	100,000 hrs	100,000 hrs
	Viewing Angle	178° / 178°	178° / 178°	178° / 178°
	Polarized Sunglasses Support	Yes	Yes	Yes
	Orientation	Portrait	Portrait	Portrait
	Detection Method	Projected Capacitive Touch Technology	Projected Capacitive Touch Technology	Projected Capacitive Touch Technology
TOUCH (OPTIONAL)	Input Method	Finger and Gloved Finger	Finger and Gloved Finger	Finger and Gloved Finger
	Noise Shielding	Yes	Yes	Yes
	Number of Simultaneous Touches	Max. 40 points	Max. 40 points	Max. 40 points
	Rated Voltage	200-240 V~ 50/60Hz	200-240V ~ 50/60Hz	200-240V ~ 50/60Hz
POWER	Power Consumption (Typ./Max)	1300 W / 2700 W	650 W / 1300 W	720 W / 1500 W
	Cabinet Color	Black	Black	Black
	Kiosk Dimension (LxHxD)	1338.0 x 2174.0 x 254.0 mm	1338.0 x 2174.0 x 202.0 mm	1338.0 x 2174.0 x 254.0 mm
MECHANICAL	Kiosk Weight	500 kg	325 kg	401 kg (lightbox excluded)
SPECS	Glass	Double Laminated Tempered	Double Laminated Tempered	Double Laminated Tempered
	Air Vent	Top & Bottom	Top & Bottom	Top & Bottom
	Base	58.0 mm H	50.0 mm H	58.0 mm H
	Image Retention Protection	Yes	Yes	Yes
FEATURE	Ambient Light Sensor	Yes	Yes	Yes
	Power On/Off Scheduling	Yes	Yes	Yes
	HDMI 2.1 (HDCP 2.3)	x6 (2160p)	x3 (2160p)	x3 (2160p)
INPUT	DisplayPort 1.2	x2	x 1	x1
INFOI	USB 3.0	x2	x 1	xl
	Micro SD Slot	x2	xl	x1
	Operating Temperature	-30° C ~ 50° C	-30° C ~ 50° C	-30° C ~ 50° C
ENVIRONMENT	Storage Temperature	-20° C ~ 60° C	-20° C ~ 60° C	-20° C ~ 60° C
	Humidity	10% ~ 100% RH Non-condensing	10% ~ 100% RH Non-condensing	10% ~ 100% RH Non-condensing
	Water and Dust Resistant Design	IP56	IP56	IP56
CERTIFICATION		CE / FCC / IEC60950-22 / RoHS	CE / FCC / IEC60950-22 / RoHS	CE / FCC / IEC60950-22 / RoHS

CE / FCC / IEC60950-22 / RoHS

0L / 100 / IEC00900-2

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Unifying Visions

DynaScan



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