Procure
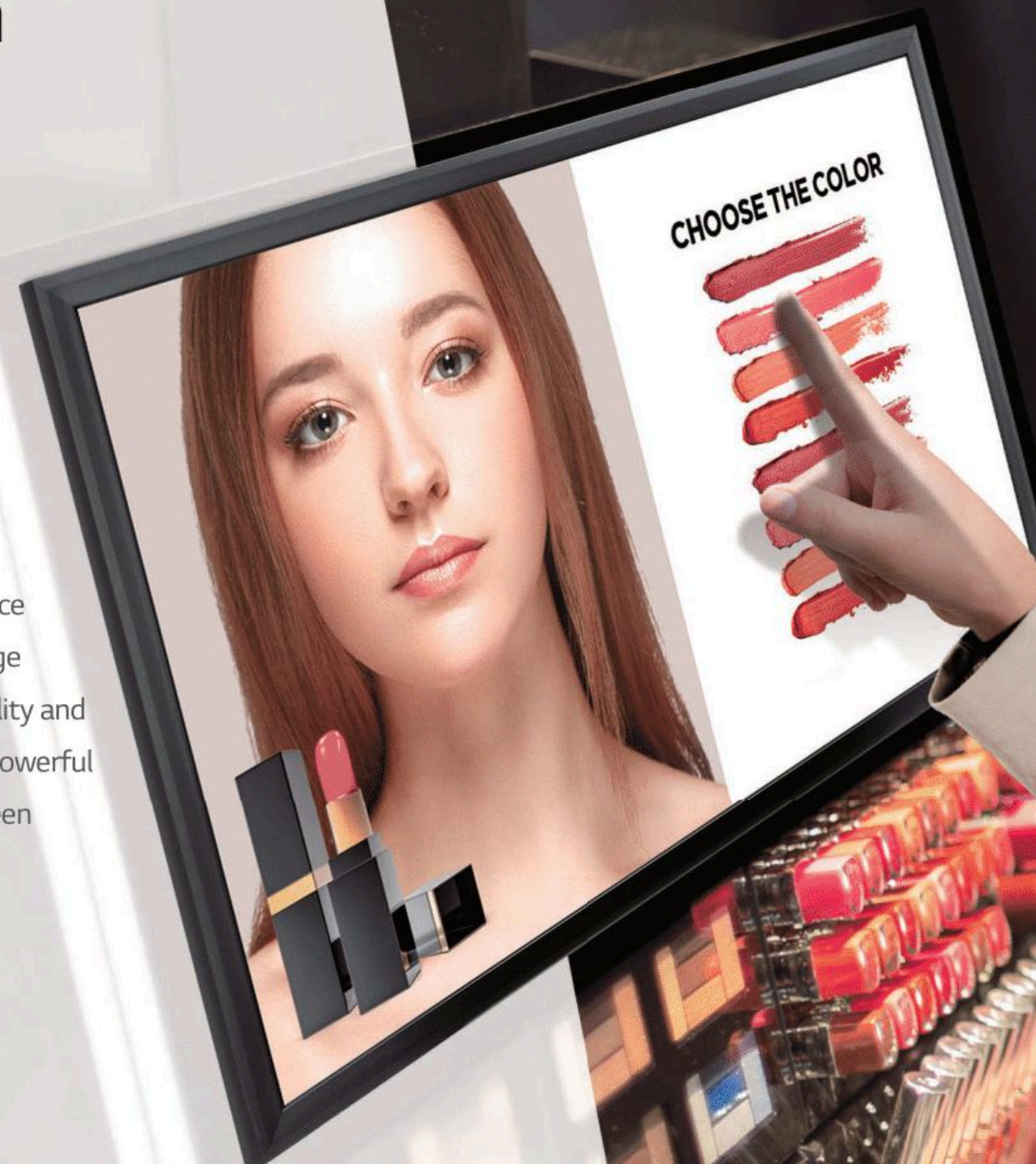
**Powered By Choice,
Driven By You.**

Effective Customer Engagement with LG Touch Display

TA3E

The LG touch display TA3E series offers an all-in-one touch experience powered by a webOS Smart Signage Platform. The built-in touch capability and embedded writing app facilitates powerful and meaningful interactions between customers and your brand.

CHOOSE THE COLOR

Effective Customer Engagement with LG Touch Display
TA3E

All-in-one Touch Experience

Built-in Interactive Touch

The TA3E series is a built-in touch display that provides immediate touch experiences without the need to purchase any separate overlay touch accessories. Various touch-based solutions can be applied for customer interactions to promote your brand, with a maximum of 10 touch points* supported.

Embedded Writing Solution

The LG IDB, the embedded writing application, offers an all-in-one solution for advanced customer engagement. No separate PC or software is necessary for white board performance, so operators can easily create two-way communication channels.

* Touch points can vary depending on the connection environment.

Effective Customer Engagement with LG Touch Display
TA3E

Simple Customization

User-friendly Smart Platform

The LG webOS smart platform supports web-based HTML5 and offers an SDK*, allowing system integrators to easily build their own apps for customer solutions. Also, the platform enhances user convenience with an intuitive UI optimized for business purposes.

Compatibility with AV Control System

The TA3E series is compatible with network-based AV control systems**, with which users can easily manage, monitor and control LG commercial displays from one location.

Beacon Supported

With Beacon and Bluetooth Low Energy (BLE) support, the TA3E series enables stores to provide coupons and information in real-time, which increases interactivity with customers at the moments when it most counts.

* SDK: Software Development Kit

** Available AV control systems may differ by region.

Effective Customer Engagement with LG Touch Display
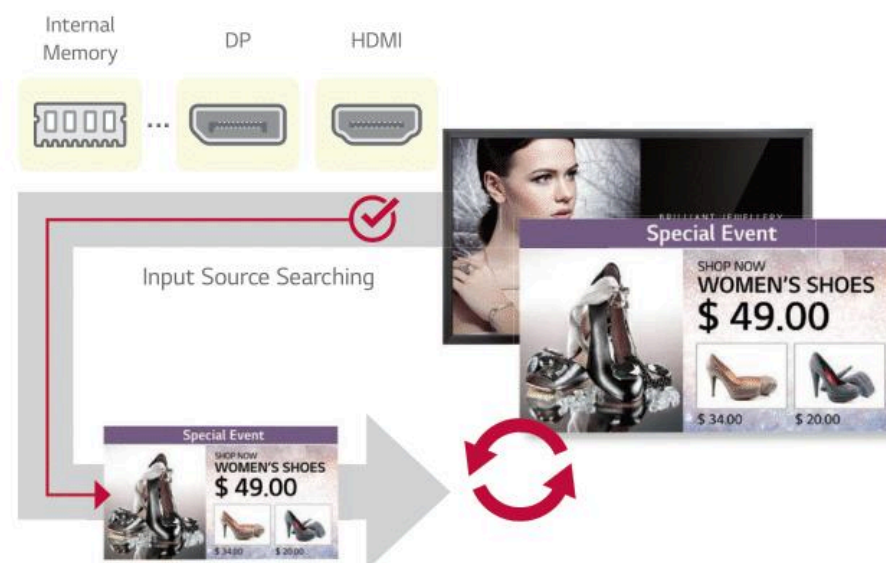## TA3E

User Convenience

Easy Touch Navigator on Display

The touch menu is a pop-up menu introduced to improve user-friendliness. Users can run a desired function or change the from anywhere by softly pressing the screen to call up the touch menu. The SI Folder within the menu is especially designed to gather and show customized apps, making it easy for users to find and use them.

Auto Signal Switching

The failover function enables the display to detect the available input signals and automatically change the source when the current signal is disconnected. It can also change the source when higher priority signals* are connected. Users can prepare backup sources to account for any unexpected errors.

Multi Screen with PBP/PIP

PBP* features multiple screens in a single display with up to 2 input sources, thus maximizing usability of the screen. In addition, PIP** supports playing both main screen and sub screen at the same time with various layouts, so presenters can arrange many different usage scenarios efficiently.

* The priority can be set by users.

* PBP: Picture-by-Picture
** PIP: Picture-in-Picture

Effective Customer Engagement with LG Touch Display
TA3E

High Reliability

Superior Picture Quality with IPS

The LG IPS panel has a wide viewing angle that delivers clear content, no matter where viewers see content on the display. Moreover, every pixel in the IPS panel truly reproduces the image colors without distorting them.
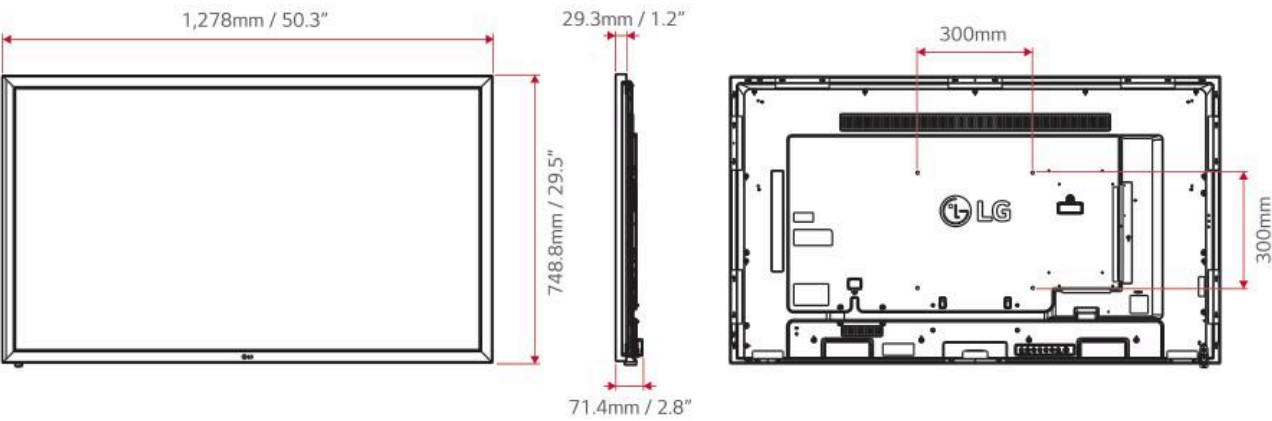
Conformal Coating

Circuit board reliability is enhanced with conformal coating that protects against dust, iron powder, humidity and other harsh conditions.
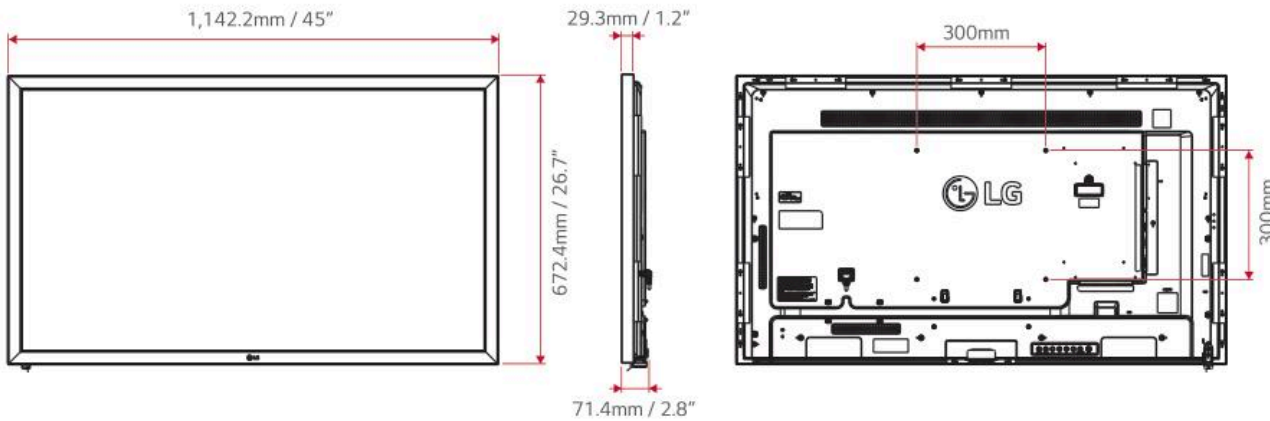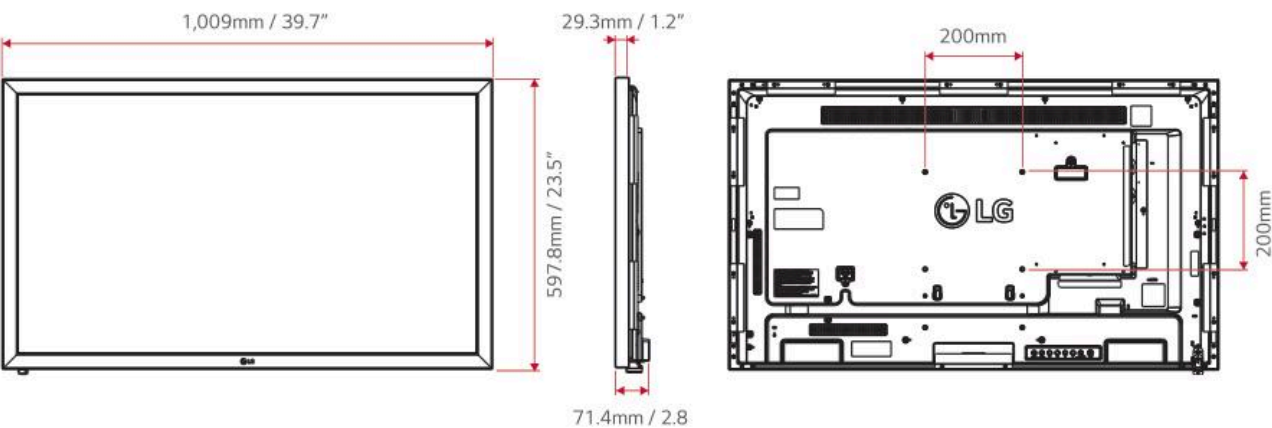
Dimensions

55"

1,278mm / 50.3"
29.3mm / 1.2"
300mm
748.8mm / 29.5"
300mm
71.4mm / 2.8"

49"

1,142.2mm / 45"
29.3mm / 1.2"
300mm
672.4mm / 26.7"
300mm
71.4mm / 2.8"

43"

1,009mm / 39.7"
29.3mm / 1.2"
200mm
597.8mm / 23.5"
200mm
71.4mm / 2.8

32"

768.4mm / 30.3"
200mm
462.9mm / 18.2"
200mm
74.5mm / 2.9"
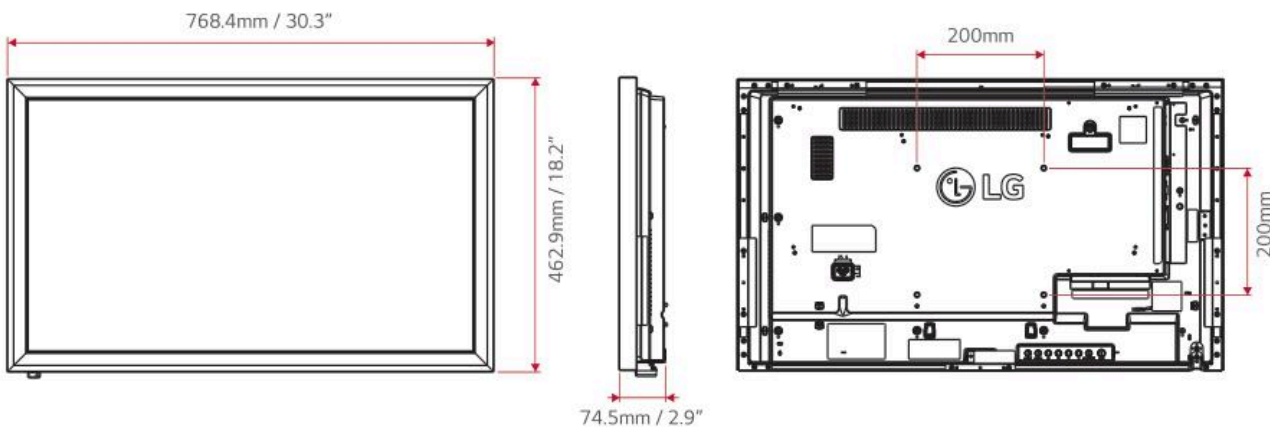
Connectivity

55" / 49" / 43" / 32"
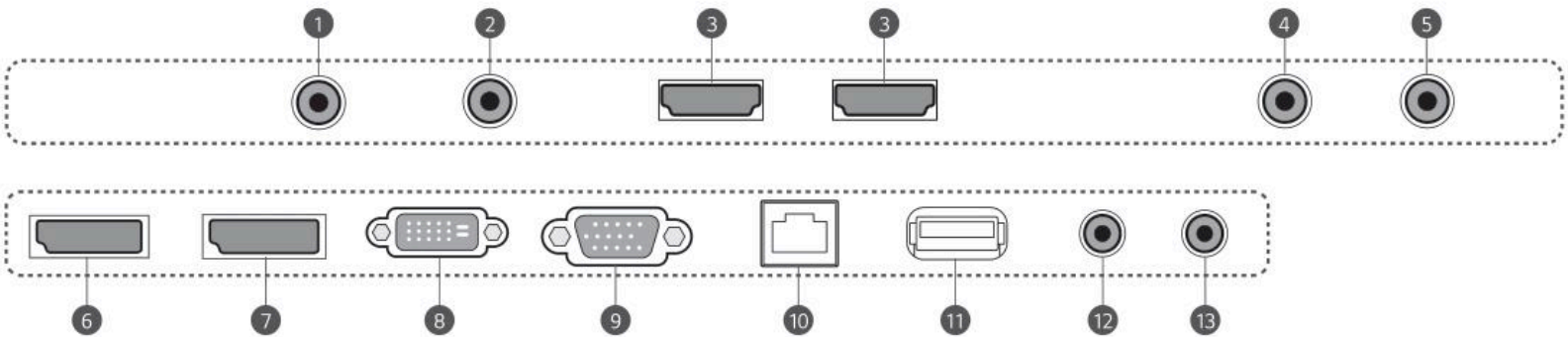
#		#		#	
1	AUDIO IN	6	DP IN	11	USB 3.0
2	AUDIO OUT	7	DP OUT	12	RS232C IN
3	HDMI	8	DVI-D IN	13	RS232C OUT
4	PIXEL SENSOR	9	RGB IN		
5	IR & LIGHT SENSOR	10	LAN		

Specifications

		55TA3E	49TA3E	43TA3E	32TA3E
PANEL	Screen Size	55"	49"	43"	32"
	Panel Technology	IPS	IPS	IPS	IPS
	Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9
	Native Resolution	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Brightness*	450 cd/m^2	450 cd/m^2	450 cd/m^2	450 cd/m^2
	Viewing Angle (H x V)	178 x 178	178 x 178	178 x 178	178 x 178
	Response Time	12 ms (G to G BW), 9.0 ms (WOT)	12 ms (G to G BW), 10.1 ms (WOT)	12 ms (G to G BW), 9.4 ms (WOT)	10 ms (G to G BW), 7.1 ms (WOT)
	Surface Treatment	Hard Coating (3H), Anti-glare Treatment of the Front Polarizer (Haze Typ. 1%)			
	Life Time (Typ.)	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs
	Operation Hours	24 Hrs	24 Hrs	24 Hrs	24 Hrs
	Orientation	Landscape & Portrait	Portrait & Landscape	Portrait & Landscape	Portrait & Landscape
CONNECTIVITY	Input	HDMI (2), DP, DVI-D, RGB, Audio In, USB 3.0	HDMI (2), DP, DVI-D, RGB, Audio In, USB 3.0	HDMI (2), DP, DVI-D, RGB, Audio In, USB 3.0	HDMI (2), DP, DVI-D, RGB, Audio In, USB 3.0
	Output	DP, Audio Out	DP, Audio Out	DP, Audio Out	DP, Audio Out
	External Control	RS232C In/out, RJ45 In, IR Receiver In, Pixer Sensor In	RS232C In/out, RJ45 In, IR Receiver In, Pixer Sensor In	RS232C In/out, RJ45 In, IR Receiver In, Pixer Sensor In	RS232C In/out, RJ45 In, IR Receiver In, Pixer Sensor In
PHYSICAL SPECIFICATION	Bezel Color	Black	Black	Black	Black
	Bezel Width	32.7 mm (Even)	32.7 mm (Even)	32.7 mm (Even)	32.7 mm (Even)
	Monitor Dimension (W x H x D)	1,278 x 748.8 x 71.4 mm / 50.3" x 29.8" x 2.8"	1,142.2 x 672.4 x 71.4 mm / 45" x 26.5" x 2.8"	1,009.6 x 597.8 x 71.4 mm / 39.7" x 23.5" x 2.8"	768.4 x 462.9 x 74.5 mm / 30.3" x 18.2" x 2.9"
	Weight (Head)	28.0 kg / 61.7 lbs	22.3 kg / 49.2 lbs	17.1 kg / 37.7 lbs	10.3 kg / 22.7 lbs
	Carton Dimensions (W x H x D)	1,410 x 880 x 207 mm / 55.5" x 34.6" x 8.1"	1,260 x 785 x 162 mm / 49.6" x 30.9" x 6.4"	1,122 x 720 x 162 mm / 44.2" x 28.3" x 6.4"	852 x 560 x 152 mm / 33.5" x 22" x 6"
	Packed Weight	33 kg / 72.8 lbs	26.3 kg / 58 lbs	20.1 kg / 44.3 lbs	12.2 kg / 26.9 lbs
	VESA™ Standard Mount Interface	300 x 300 mm	300 x 300 mm	200 x 200 mm	200 x 200 mm
SPECIAL FEATURES		Temperature Sensor, Auto Brightness Sensor, Tile Mode (Up to 15x15), Natural Mode @Tile Mode, ISM Method, DPM Select, Energy Saving, Smart Energy Saving, File Play with USB, PIP/PBP (2), Internal Memory 8GB (System 4GB + Available 4GB), Wi-Fi Built-in (802.11n combo), USB Cloning, Easy Brightness Control, IDB App. (Whiteboard App.), Fail Over, Mirroring, SoftAP, Beacon, Embedded Template, Built-in Speaker (10W+10W), Crestron Connected®***			
ENVIRONMENTAL CONDITIONS	Operation Temperature	0°C to 40°C / 32°F to 104°F	0°C to 40°C / 32°F to 104°F	0°C to 40°C / 32°F to 104°F	0°C to 40°C / 32°F to 104°F
	Operation Humidity	10% to 80%	10% to 80%	10% to 80%	10% to 80%
POWER	Power Type	Built-In Power	Built-In Power	Built-In Power	Built-In Power
	Power Supply	100-240V~, 50/60Hz	100-240 V~, 50/60 Hz	100-240 V~, 50/60 Hz	100-240V~, 50/60Hz
	Power Consumption — Typ. / Max.	100 W / 115 W	85 W / 105 W	75 W / 95 W	60 W / 85 W
	Power Consumption — Smart Energy Saving	70 W	60 W	55 W	45 W
STANDARD (CERTIFICATION)	Safety	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC	UL / cUL / CB / TUV / KC
	EMC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC	FCC Class "A" / CE / KCC
	ErP / Energy Star	N/A / Yes (EnergyStar 7.0)	N/A / Yes (EnergyStar 7.0)	N/A / Yes (EnergyStar 7.0)	N/A / Yes (EnergyStar 7.0)
	ePEAT (US Only)	N/A	N/A	N/A	N/A
MEDIA PLAYER COMPATIBILITY	OPS Type Compatible	Yes	Yes	Yes	Yes
	External Media Player Attachable	Yes (MP500/MP700)	Yes (MP500/MP700)	Yes (MP500/MP700)	No
SOFTWARE COMPATIBILITY	Content Management Software	SuperSign CMS	SuperSign CMS	SuperSign CMS	SuperSign CMS
	Control and Monitoring Software	SuperSign Link	SuperSign Link	SuperSign Link	SuperSign Link
ACCESSORIES	Basic	Remote Controller (2ea Batteries Included), Power Cord, QSG, RGB Cable, Regulation Book, Phone to RS232C Gender, Memory Cover			
	Optional	Stand (ST-492T), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Stand (ST-492T), Media Player, Wall Bracket (LSW350B), VESA Adapter (AM-B330S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Stand (ST-432T), Media Player, Wall Bracket (LSW230B), VESA Adapter (AM-B220S), OPS Kit (KT-OPSA), HDBaseT (EB-B100)	Stand (ST-322T), Wall Bracket (LSW230B), OPS Kit (KT-OPSA), HDBaseT (EB-B100)
TOUCH	Touch Type	IR (Scattering)			
	Scan Time	10 ms ↓			
	Interface	USB 2.0			
	Protection Glass Thickness	2.8T (Anti-glare)			
	Operating System Support	Windows 7, Windows 8/8.1/10, Mac OS X (10.7 or later), Android, Linux (kernel 3.9 or later)			
	Multi Touch Point	Max 10 Points			

* 325 cd/m^2 with Protection Glass

** Network Based Control