

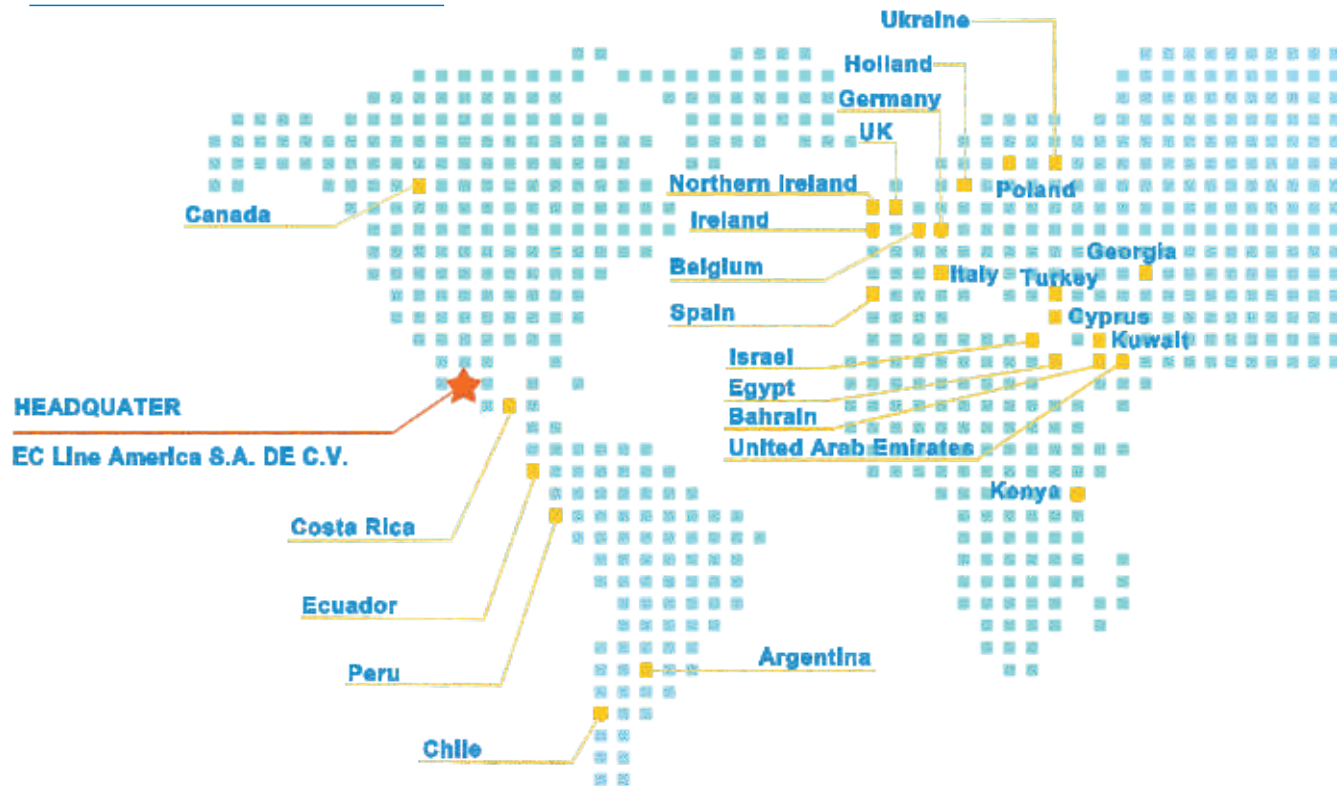
EC i-Connect  
True value in Signage

# DISPLAY SOLUTION

DIGITAL  
SIGNAGE



# Global Network

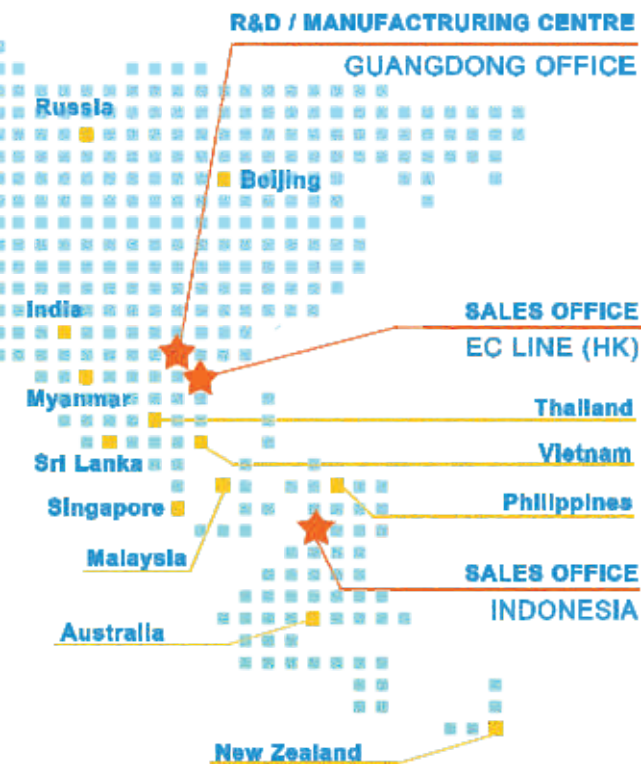


## ABOUT ECLine

### Who We Are

EC LINE is one of leading providers in Point of Sales industry, specialized in total hardware solutions, subsidiary to EC Line America S.A. DE C.V. in Mexico. EC Product Line includes wide range of point-of-sale peripherals include Display Solution, POS terminals, barcode label and receipt printers, touch screen monitors, cash drawers, barcode scanners, all of which help customers improve productivity and profitability.

We offer our customers with the latest technology and most competitive pricing to create a win-win business boding.



## We Support Your Success with Our Own

EC LINE's principle is to provide the finest product with "True Value".

Customer satisfaction is our priority true value. We understand that each customer's need is unique. That's why we listen, think, react and improve, try our best to tailor the solution to every single need. We appreciate every opportunity to serve you and strive to exceed your expectations!

Our global distributors and solution partners' network reaches into almost every vertical business and into over 40 countries. Presently we have partners in Europe, Philippines, Indonesia, Singapore, Malaysia, Thailand, Vietnam, Middle East and Latin America. We are quite welcome you to join our big family!

POINT OF SALES  
DISPLAY SOLUTION

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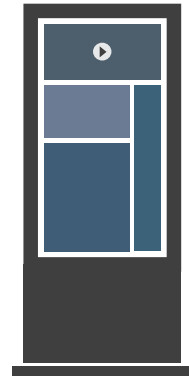
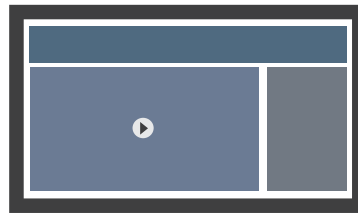
EC-WBS49A / 55A

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## Multiple Screen Layouts

- Image
- Video
- Document
- Real Time News
- Web Page

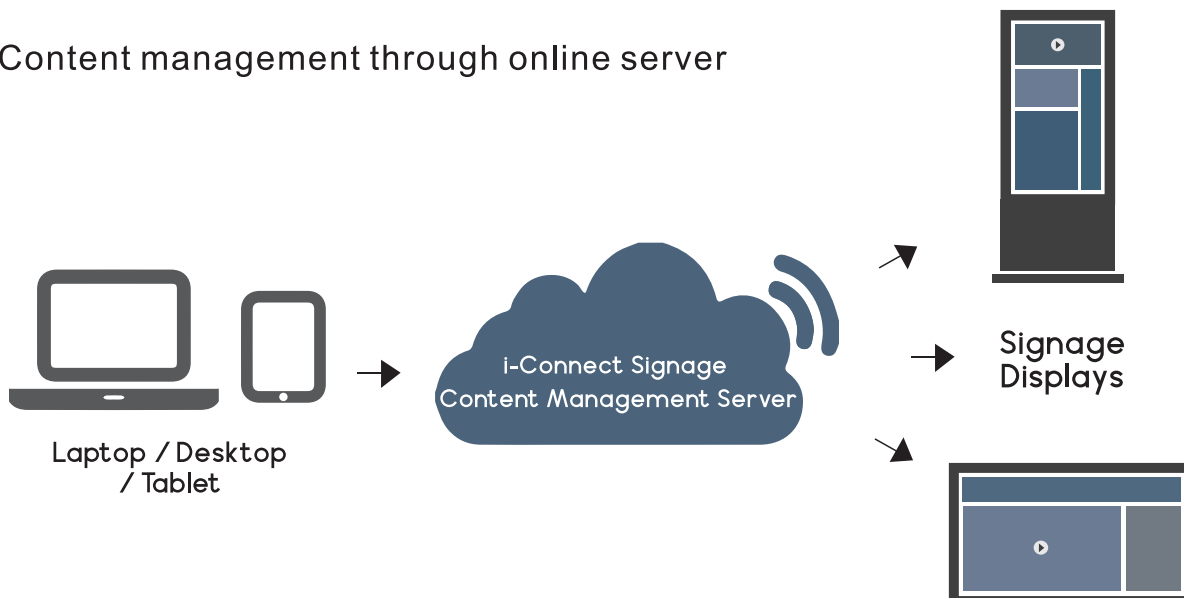


## Scheduled Broadcast



## Edit & Launch Online

Content management through online server







## Applicable Business Segments

Today's consumers expect to see technology being used to improve their in-store experience, information broadcast or increase productivity, **EC Line iConnect** has a wide array of offering that make it ideal for various business environments.

Aside from attracting attention and increasing engagement levels, digital signage can give organizations the flexibility of deploying important communications within seconds. It can also influence purchase decisions, increase brand awareness and reduce print costs.

## Grand Overview of the Most Common Applications

**Internal Information:** There is a considerable potential in aiding employees, students or visitors on-site. Proper digital signage can convey important news or corporate messages, display real-time health and safety information, meeting room updates or calendar events.

**Product Information:** Displaying marketing messaging associated with the product or service can be very helpful to the user. It could be pricing, nutritional value, ingredients, and suggested usage.

**Branding:** Tailored brand messaging or illustrative graphics can be used to raise brand awareness.

**Influencing Decision-Making:** Digital signage can be used to increase dwell time at specific items or areas, impulse purchases by displaying marketing messages or persuade customers through discounts or offers.

**Digital Menus:** Being able to change signage easily is very beneficial to many restaurants, eateries or retailers since menu items and products fluctuate throughout the seasons. Digital menu boards would also allow users to reserve a meeting room in an organization or even a table at a restaurant. It could be used to book a resource or for a chance to upsell at the time of purchase.

**Public Information:** If you've ever been stuck in traffic and wondering if a different route is more manageable, digital signage could help you out. Traffic information, news items or even directions could help you on your journey.

**Advertising:** Great digital signage advertising can be used to direct the customers' attention and promote services. With third-party advertising, owners of digital signage boards can give the option to bid for the signage space to promote a product or brand.

**Enhancing the Customer Experience:** Whether you're walking around in a supermarket, airport, museum, zoo, park or any other cultural attraction, digital signage can be used to help aid understanding, provide demonstrations or list perceived wait time.

**Navigation:** Dynamic wayfinding through digital signage is upping the game of regular wayfinding. Think interactive roadmaps and footprints that might even be GPS-controlled.

**Entertainment:** This category could fall under several of the others since entertainment can help attract the user's attention. It could be a native video wall, promotional videos or even mini-games.

## MEDIA BOX



Media Box

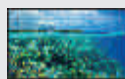
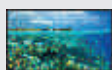


ECMB002-S

Main	CPU	Quad-Core ARM Cortex A17 (Up to 1.8GHz)
	GPU	ARM Mail-764
	Memory	DDR3 2GB
	Storage	8GB eMMC Flash (4GB Occupied by O/S, 4GB Available)
	Operation System	Android OS
	Network	Wireless / Lan
	Fan / Fanless	Fanless
	Media	MPEG1 / MPEG2 / MPEG4 / H.264 / H.265 / WMV / MKV / TS / flv / MP3 / JPG / JPEG / BMP / PNG / GIF / etc.
I/O Connection	I/O Ports	4 × USB 1 × HDMI (Supports 1920×1080 Full HD Resolution) 1 × TF card slot 1 × RJ45 Ethernet port 1 × VGA 1 × RS232 1 × OTG 1 × Audio
Physical	Dimension	230 W × 130 D × 30 H (mm)
	Weight	615 g



Wall Mount Digital Signage



EC-WDS32I

EC-WDS43I

EC-WDS49I

EC-WDS55I

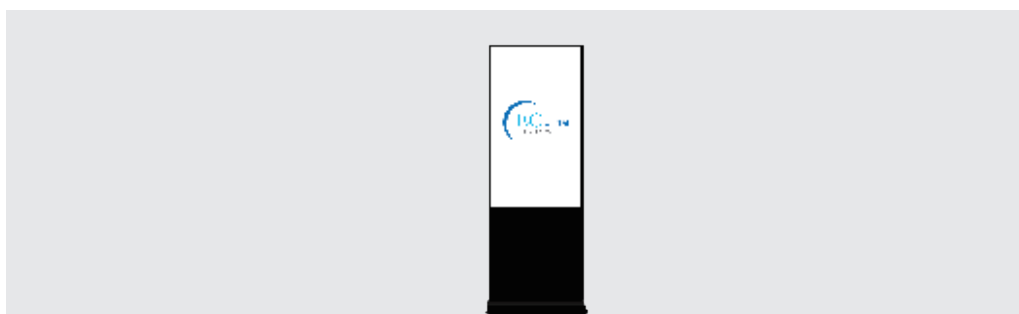
EC-WDS65I

Display Panel	Panel Size	32 inch	43 inch	49 inch	55 inch	65 inch
	Display Area (mm)	699.7(H) × 394.3(V) mm	944.2(H) × 530.5(V) mm	1077(H) × 605.2(V) mm	1212.6(H) × 682.4(V) mm	1431.5(H) × 805.5(V) mm
	Resolution	1920 × 1080	3840 x 2160 (4K UHD)			
	Contrast Ratio	1000 : 1	1400 : 1			
	Display Mode	16 : 9				
	LCD Type	LG - IPS				
	Brightness	500 cd/m²				
	Response Time	8 ms				
	Color System	PAL / NTSC / Auto				
	Field Frequency	60 Hz				
	View-angle (up/down/left/right)	89° / 89° / 89° / 89°				
Media Format	Royal TS	B/S TS				
	Media	wmv / avi / flv / rm / rmvb / mpeg / ts / mp4				
	Text	txt / pdf / doc / docx / xls / xlsx / ppt / pptx				
	Image	jpg / jpeg / gif / png				
Main	CPU	Quad-Core ARM Cortex A17	Quad-Core ARM Cortex A53			
	RAM	DDR3 2GB	DDR4 2GB			
	Operating System	Android OS				
	Internal Memory	EMMC 8GB (4GB Available)				
	Wireless	Onboard, 802.11b/g/n				
I/O Connection	HDMI	N/A	1 × HDMI IN			
	Ethernet	1 × RJ45 10M/100M Ethernet				
	USB	2 × USB2.0				
Power	Voltage	AC 100-240V , 50/60Hz				
	Consumption - Typical	≤ 80W	≤ 80W	≤ 110W	≤ 130W	≤ 140W
	Consumption - Standby	<1W				
Physical	Housing Material	Aluminum + Metal Back Cover + Tempered Glass Panel				
	Dimensions without Wall Mount Kit	751.8 W × 446.2 H × 53 D (mm)	994.6 W × 582.9 H × 52.6 D (mm)	1127.2 W × 657.4 H × 52.6 D (mm)	1263 W × 733.8 H × 52.6 D (mm)	1482 W × 857 H × 52.6 D (mm)
	Net Weight	12.5 KG	21.0 KG	25.0 KG	30.0 KG	38.0 KG
Environment	Operating Temperature	0 to 50°C				
	Storage Temperature	-20 to 60°C				
Accessories	Included	Power Cord / Standard Wall Mount Kit				





Floor Stand Digital Signage



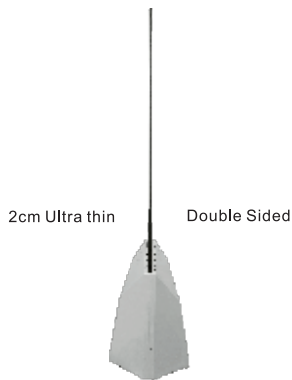
		EC-FDS43I	EC-FDS49I	EC-FDS55I	EC-FDS65I
Display Panel	Panel Size	43 inch	49 inch	55 inch	65 inch
	Display Area (mm)	943(H) × 532(V)	1075(H) × 606(V)	1209(H) × 680(V)	1430.5(H) × 806(V)
	Contrast Ratio	1200 : 1	1500 : 1	4000 : 1	4000 : 1
	Resolution	3840 x 2160 (4K UHD)			
	Display Mode	16 : 9			
	LCD Type	LG - IPS			
	Brightness	500 cd/m²			
	Response Time	8 ms			
	Color System	PAL / NTSC / Auto			
	Field Frequency	60 Hz			
Media Format	View-angle (up/down/left/right)	89° / 89° / 89° / 89°			
	Royal TS	B/S TS			
	Media	wmv / avi / flv / rm / rmvb / mpeg / ts / mp4			
	Text	txt / pdf / doc / docx / xls / xlsx / ppt / pptx			
Main	Image	jpg / jpeg / gif / png			
	CPU	Quad-Core ARM Cortex A53			
	Operating System	Android OS			
	DDR	DDR4 2GB			
	Internal Memory	EMMC 8GB			
I/O Connection	Wireless	Onboard, 802.11b/g/n			
	Ethernet	1 × RJ45 10M/100M Ethernet			
	USB	2 × USB2.0			
Power	Audio	Built-in 8 Ω 10 w × 2 speakers			
	Voltage	AC 100 - 240V , 50/60Hz			
	Consumption - Typical	≤ 120W	≤ 145W	≤ 150W	≤ 150W
Physical	Consumption - Standby	< 1W			
	Housing Material	Aluminum + Tempered Glass Panel			
	Dimensions	583 W × 1730 H × 53 D (mm)	1800 H × 658 W × 53 D (mm)	1850 H × 734 W × 53 D (mm)	2000 H × 857 W × 53 D (mm)
Environment	Net Weight	36 KG	44 KG	47 KG	62 KG
	Operating Temperature	0 to 50°C			
	Storage Temperature	-20 to 60°C			
Accessories	Included	Power Cord / Cables			



## Double Panel Digital Signage



		EC-WSS43A	EC-WSS55A
Display Panel	Panel Size	43 inch	55 inch
	Display Area (mm)	941.2(H) × 529.4(V) mm	1209(H) × 680(V) mm
	Resolution	1080 × 1920	
	Display Mode	16 : 9	
	LCD Type	LED-backlit LCD	
	Brightness	420 cd/m <sup>2</sup>	
	Response Time	8 ms	
	Color System	PAL / NTSC / Auto	
	Field Frequency	60 Hz	
	Contrast Ratio	3500 : 1	
	View-angle (up/down/left/right)	89° / 89° / 89° / 89°	
Media Format	Royal TS	B/S TS	
	Media	wmv / avi / flv / rm / rmvb / mpeg / ts / mp4	
	Text	txt / pdf / doc / docx / xls / xlsx / ppt / pptx	
	Image	jpg / jpeg / gif / png	
Main	CPU	Quad-Core ARM Cortex A17	
	Operating System	Android OS	
	RAM	DDR3 2GB	
	Internal Memory	EMMC 8GB (Available)	
	Wireless	Onboard, 802.11b/g/n	
I/O Connection	Audio	Built-in 8 Ω 10 w × 2 speakers	
	USB	2 × USB2.0	
Power	Voltage	AC 100-240V , 50/60Hz	
	Consumption - Typical	≤ 175W	
	Consumption - Standby	<1W	
Physical	Housing Material	Aluminum Frame	
	Dimensions without Ceiling Mount	1123.5 W × 680 H × 21 D (mm)	1415 W × 878 H × 21 D (mm)
	Net Weight	36 KG	49 KG
Environment	Operating Temperature	0 to 40°C	
	Storage Temperature	-20 to 60°C	
Accessories	Included	Power Cord	



Double Panel Digital Signage



EC-FSS55A

Display Panel	Panel Size	55 inch
	Display Area (mm)	1209(H) × 680(V) mm
	Resolution	1080 × 1920
	Display Mode	16 : 9
	LCD Type	LED-backlit LCD
	Brightness	420 cd/m <sup>2</sup>
	Response Time	8 ms
	Color System	PAL / NTSC / Auto
	Field Frequency	60 Hz
	Contrast Ratio	3500 : 1
Media Format	View-angle (up/down/left/right)	89° / 89° / 89° / 89°
	Royal TS	B/S TS
	Media	wmv / avi / flv / rm / rmvb / mpeg / ts / mp4
	Text	txt / pdf / doc / docx / xls / xlsx / ppt / pptx
Main	Image	jpg / jpeg / gif / png
	CPU	Quad-Core ARM Cortex A17
	Operating System	Android OS
	RAM	DDR3 2GB
	Internal Memory	EMMC 8GB (4GB Available)
I/O Connection	Wireless	Onboard, 802.11b/g/n
	Audio	Built-in 8 Ω 10 w × 2 speakers
	Ethernet	1 × RJ45 10M/100M Ethernet
	USB	4 × USB2.0
Power	Voltage	AC 100-240V, 50/60Hz
	Consumption - Typical	≤ 175W
	Consumption - Standby	< 1W
Physical	Housing Material	Aluminum Frame + Metal Stage
	Dimensions without Ceiling Mount	Top: 1958 x 728 x 20.4 Base: 1958 x 760 x 463
	Net Weight	52 KG
Environment	Operating Temperature	0 to 40°C
	Storage Temperature	10 to 80°C
Accessories	Included	Power Cord



Transparent Panel Digital Signage



## EC-TDS55A

Display Panel	Panel Size	55 inch
	Display Area (mm)	1209.6(H) × 680.4(V)
	Resolution	1920 × 1080 (Up to 4K)
	Display Mode	16 : 9
	Display Type	38% Transparency OLED Panel
	Brightness	400 cd/m²
	Response Time	0.001 ms
	Color System	PAL / NTSC / Auto
	Field Frequency	60 Hz
	Contrast Ratio	100,000 : 1
	View-angle (up/down/left/right)	89° / 89° / 89° / 89°
Media Format	Royal TS	B/S TS
	Media	wmv / avi / flv / rm / rmvb / mpeg / ts / mp4
	Text	txt / pdf / doc / docx / xls / xlsx / ppt / pptx
	Image	jpg / jpeg / gif / png
Main	CPU	Quad-Core ARM Cortex A17
	Operating System	Android OS
	RAM	DDR3 2GB
	Internal Memory	EMMC 8GB (4GB available)
	Wireless	Onboard, 802.11b/g/n
I/O Connection	Audio	Built-in 8 Ω 5w × 2 speakers
	Ethernet	1 × RJ45 10M/100M Ethernet
	USB	2 × USB2.0
	HDMI	1 × HDMI IN
Power	Voltage	AC 100-240V , 50/60Hz
	Consumption - Typical	≤ 110W
	Consumption - Standby	<0.5W
Physical	Housing Material	Aluminum Frame
	Dimensions without Ceiling Mount	1268 W × 977 H × 260 D (mm)
	Net Weight	29 KG
Environment	Operating Temperature	0 to 50°C
	Storage Temperature	-20 to 60°C
Accessories	Included	Power Cord



## EC-TDS55B

Display Panel	Panel Size	55 inch
	Display Area (mm)	1209.6(H) × 680.4(V)
	Resolution	1920 × 1080 (Up to 4K)
	Display Mode	16 : 9
	Display Type	38% Transparency OLED Panel
	Brightness	400 cd/m²
	Response Time	0.001 ms
	Color System	PAL / NTSC / Auto
	Field Frequency	60 Hz
	Contrast Ratio	100,000 : 1
	View-angle (up/down/left/right)	89° / 89° / 89° / 89°
Media Format	Royal TS	B/S TS
	Media	wmv / avi / flv / rm / rmvb / mpeg / ts / mp4
	Text	txt / pdf / doc / docx / xls / xlsx / ppt / pptx
	Image	jpg / jpeg / gif / png
Main	CPU	Quad-Core ARM Cortex A17
	Operating System	Android OS
	RAM	DDR3 2GB
	Internal Memory	EMMC 8GB (4GB available)
	Wireless	Onboard, 802.11b/g/n
I/O Connection	Audio	Built-in 8 Ω 5w × 2 speakers
	Ethernet	1 × RJ45 10M/100M Ethernet
	USB	2 × USB2.0
	HDMI	1 × HDMI IN
Power	Voltage	AC 100-240V, 50/60Hz
	Consumption - Typical	≤ 110W
	Consumption - Standby	<0.5W
Physical	Housing Material	Aluminum Frame
	Dimensions without Ceiling Mount	1750 W × 826 H × 504 D (mm)
	Net Weight	100 KG
Environment	Operating Temperature	0 to 50°C
	Storage Temperature	-20 to 60°C
Accessories	Included	Power Cord



# Vertical / Horizontal



Transparent Box Digital Signage



## EC-BCS55A

Display Panel	Panel Size	55 inch
	Display Area (mm)	1218(H) × 689(V)
	Resolution	1920 × 1080 (Up to 4K)
	Display Mode	16 : 9
	Display Type	50% Transparency OLED Panel
	Brightness	300 cd/m <sup>2</sup>
	Response Time	0.001 ms
	Color System	PAL / NTSC / Auto
	Field Frequency	60 Hz
	Contrast Ratio	100,000 : 1
	View-angle (up/down/left/right)	89° / 89° / 89° / 89°
Media Format	Royal TS	B/S TS
	Media	wmv / avi / flv / rm / rmvb / mpeg / ts / mp4
	Text	txt / pdf / doc / docx / xls / xlsx / ppt / pptx
	Image	jpg / jpeg / gif / png
Main	CPU	Quad-Core ARM Cortex A17
	Operating System	Android OS
	RAM	DDR3 2GB
	Internal Memory	EMMC 8GB (4GB available)
	Wireless	Onboard, 802.11b/g/n
I/O Connection	Audio	Built-in 8 Ω 5w × 2 speakers
	Ethernet	1 × RJ45 10M/100M Ethernet
	USB	2 × USB2.0
	HDMI	1 × HDMI IN
Power	Voltage	AC 100-240V , 50/60Hz
	Consumption - Typical	≤ 110W
	Consumption - Standby	<0.5W
Physical	Housing Material	Aluminum Frame
	Dimensions without Ceiling Mount	1318 W × 819 H × 400 D (mm)
	Net Weight	70 KG
Environment	Operating Temperature	0 to 50℃
	Storage Temperature	-20 to 60℃
Accessories	Included	Power Cord

# COMBINATION VIDEO WALL PANEL



Combination Wall Panel



	EC-WBS49A	EC-WBS55A
Panel Size	49 inch	55 inch
Display Area (mm)	1074(H) × 604.2(V)	1209.6(H) × 680.4(V)
Brightness	450 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Resolution	1920 × 1080	
Display Mode	16 : 9	
LCD Type	TFT-LCD	
Contrast Ratio	1400 : 1	
Response Time	8 ms	
Display Color	16.7M	
Field Frequency	50/60/70 Hz	
View-angle (up/down/left/right)	178°/178°	
Display Port Input	HDMI / DVI / VGA / YPbPr × 1 / CVBS × 5	
Display Port Output	CVBS × 2	
Audio	L1/R1(AV), L2/R2(VGA)	
Voltage	AC 100-240V , 50/60Hz	
Consumption - Typical	≤ 200W	
Consumption - Standby	< 3W	
Housing Material	Aluminum + Tempered Glass Panel	
Dimensions	1077.6 W × 108 D × 607.8 H (mm)	1213.5 W × 108 D × 684.3 H (mm)
Net Weight	25 KG	36 KG
Operating Temperature	0 to 50°C	
Storage Temperature	-20 to 60°C	

## CASE STUDY

### Cosmetology Digital Signage

**B**eautiful and effective network in the cosmetology or beauty industry is to improve clients' experience and loyalty. Maximize engagement by promoting services with engaging and appealing content through displays.



#### Visually Inform Your Clients

Update your visual content with valuable and relevant information like directions/maps, updates, services descriptions and advice from experts.

#### Improve Engagement with Your Target Audience

Build a simple, elegant and effective visual content strategy for new or special hot offers. Suggest discounts and brand-supported services with vivid images and animation right in front of your customers.



#### Cut Your Costs Significantly

Forget about leaflets, expensive message boards, and outdated paper-based solutions.



## CASE STUDY

### Restaurant Digital Signage

Whether it's digital signs, information points, menus or interactive kiosks, you can vastly improve the guest experience, increase customer engagement, reduce perceived waiting times, increase sales and brand loyalty by simply using digital signage.



#### Digital Menu Boards

Display the most attractive menu boards decorated with the appealing images of exquisite dishes of the restaurant.

#### Restaurant POS Screen

Display custom offers, attractive deals, promotional contents and feedback interfaces at the point of sale section. Give the last minute thrust to restaurants brand salience development efforts.

#### Health Tips and News Display

Create a healthy and productive waiting time using health tips display screens and news feeds in your restaurant digital signage screens.



#### Combination Wall / Floor Stand Kiosk

Draw attention by using window signage screens. Display your special dishes and hot deals in a place where outsiders can also view.



# CASE STUDY

## Hotel Digital Signage

**H**otels should always strive to deliver the highest level of customer service to differentiate and elevate themselves above the competition. As a general rule, whatever information can be delivered via digital communications is going to be far superior to the user experience than normal paper or static messages.



### Event Signage

By harnessing the power of modern digital signage you can show personalized daily event schedules driven directly from your own calendar system.

### Digital Signage for Transport Information

Ensure your guests travel to and from your location with ease. By using digital signage to give this topical information you take the burden away from reception staff and concierge services.

### Digital Signage for Advertising

Show different necessary information about the restaurant, stores and facilities, also increase revenues by selling advert space on your screens to local non-competitive businesses for additional revenues.

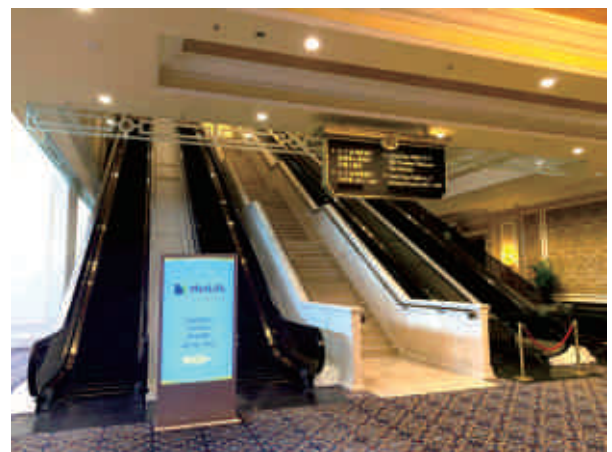
### Emergency Alerts and Announcements

In an emergency, people's health and safety can depend on the accuracy and speed of the information and response given.



### Digital Way-finding Signage

Help your guests get where they need to go, when they need to go with easily accessible self-service maps and directories.





## CASE STUDY

### General Merchandise Digital Signage

First strong impressions are everything in the retail industry, a customer's time inside a convenience store is limited, taking advantage of every second makes a big difference. Efficient at providing product information and strategically placed signage displays will arouse the interest of the customers to buy the designated products.



### Promotions Flexibility

Clearly to see when it comes to promoting special offers or discounts that can differ by time of day and store location.



### Brand Building

With traditional print poster merchandising methods now being considered slightly dated. Enabling marketers the ability to display bold animated content to passer-bys results in a strong corporate image being presented at all times.

### Future-proofing Stores

Investing in a digital signage platform itself can be significant at the start. Long term, the total cost of ownership of a network of digital signage panels will be more and more advantageous to the business — factoring in savings in the costs of producing printed collateral year on year.



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#### R&D, MANUFACTURING PLANT

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Renzi Yuan, Xiegang Zhen, Dongguan,  
Guangdong, China  
Tel.: (86) 15507575527

#### ASIA DISTRIBUTOR

Philippines  
Tel: (632) 7505555  
705 Regray Commercial Bldg.  
JP Rizal st. corner Pililia st., Brgy.  
Valenzuela, Makati City,  
Philippines 1208

Malaysia  
Tel: (603) 80711501  
No 63, Jalan PBS 14/3,  
Taman Perindustrian Bukit Serdang,  
43300 Seri Kembangan,  
Selangor, Malaysia

New Zealand  
Tel: (275) 222298  
Unit A1, 710 Great South Road,  
Manukau City,  
Auckland,  
New Zealand

Jakarta, Indonesia  
Tel: (6221) 5306678  
JI.Raya Kebayoran Lama No.8  
Kel.Grogol Utara.  
Kec. Kebayoran Lama  
Jakarta Selatan 12210

#### SALES BRANCH

Guadalajara, Mexico  
Tel: (5533) 36306123

Monterrey, Mexico  
Tel: (5581) 83712394

#### RESELLER

Australia  
Tel: (61) 1300 638088  
  
Cyprus  
Tel: (357) 26600505

Canada  
Tel: (1604) 270 9898  
  
Myanmar  
Tel: (95) 976071 651

Georgia  
Tel: (995) 32922240

China  
Tel: (86) 15507575527