



2022

CONSUMER ELECTRONICS
PROFESSIONAL DISPLAYS





Commercial Applications - Summary

Application Scenarios



Software Systems



Intelligent Terminal

Bank Hospital Transportation

Gov./Edu. Office Home Retail

Screen OS Smart Bank Marketing Management System

Smart Medical Assistant System Transportation Interactive System Gov./Edu. Information Publishing System

Large Format

98/110" 4K/8K LCD 135/190/225" 4K/6K LPD

Splicing Display

22/33" Square Unit 46/49/55" Super Narrow Bezel Unit

Interactive Display

Conference Childhood Education

Digital Signage

AI Signage iGallery

Innovation

EPD Product Transparent Others Mirror Display



Professional Displays

32" Landscape/Portrait
Touch panel integrated



60" Landscape/Portrait



70" Landscape/Portrait



80" Landscape/Portrait



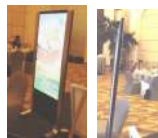
90" Landscape/Portrait



55" Landscape/Portrait
Slim bezel 1500cd Slim bezel 700cd



40" Indoor Signage Display



60"/70" Landscape



84" Landscape
Touch panel integrated



120" Landscape





Video Wall Displays

Large Format Display – LCD



Sizes : 110" 105" 98"
Resolution : 4k/8k

Large Format Display – LPD (Laser Phosphor Display)



Sizes : 225" 190" 135"
Resolution : 4k/6k



Video Wall Displays

LPD Video Wall (Laser Phosphor Display)



Video Wall Bezels – Super Narrow



Sizes : 55" 49" 46"
Bezel : 0.99mm

Video Wall Bezels – Square



Sizes : 33" 22"
Bezel : Square type



Monitors

Monitors – 15.6” Type C



15.6” TN Portable	Specifications
Resolution	1920 x 1080 (FHD)
Active Area (mm)	344.16(H) x 193.59 (V)
Brightness	220nits
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	12 ms (Tr + Tf)
Viewing Angle	45/45/20/40 (CR>=10)

Price / MP Schedule	Features
<ul style="list-style-type: none"> • USD: TBA • KO + 3 months 	<ul style="list-style-type: none"> • USB Type-C / micro USB powered • Without speaker without power cord cable



Monitors – 27” GM2 model (144 Hz)



27” TN Gaming	Specifications
Resolution	2560 x 1440(QHD)
Active Area (mm)	596.736(H) x 335.664(V)
Brightness	300nits
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	TBD ms (Tr + Tf)
Viewing Angle	65/65/75/75 (CR>=10)

Price / MP Schedule	Features
<ul style="list-style-type: none"> • USD: TBA • KO + 3 months 	<ul style="list-style-type: none"> • 3HDMI + 1DP + earphone • With speaker (3W x 2) • Power built-in





Monitors

Monitors – 23.6” GM model (144 Hz)



23" TN Gaming	Specifications
Resolution	1920 x 1080(FHD)
Active Area (mm)	521.28(H) x 239.22(V)
Brightness	300nits
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	2 ms with OD
Viewing Angle	85/85/80/80 (CR>=10)
Price / MP Schedule	Features
<ul style="list-style-type: none"> • USD: TBA • KO + 3 months 	<ul style="list-style-type: none"> • 3HDMI + 1DP + earphone • With speaker (3W x 2) • Power built-in



Monitors – 27” Detachable model



27" ADS	Specifications
Resolution	2560 x 1440 (QHD)
Active Area (mm)	596.736 (H) x 335.664 (V)
Brightness	250 nits (Typ.)
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	6 ms (GTG) (Typ.) with OD
Viewing Angle	89/89/89/89 (CR>=10)
	Features
	<ul style="list-style-type: none"> • HDMI +DP +earphone • With speaker; power build in • Intel compute card available



Pure MNT



MNT with intel compute card



Monitors

Monitors – 34” 21:9, UWQHD model (75 Hz)



34” ADS	Specification (TBD)
Resolution	3440 x 1440 (UWQHD)
Active Area (mm)	799.8(H) x 344.8(V)
Brightness	250 nits (Typ.)
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	5 ms (GTG) (Typ.) with OD
Viewing Angle	89/89/89/89 (CR>=10)

Features

- 2HDMI +1DP + earphone + 1UP2DN USB3.0 HUB
- With speaker; power build in



Monitors – 27” QHD HDR-10 (VL3)



27” ADS VL3	Specifications
Resolution	2560 x 1440(QHD)
Active Area (mm)	596.736(H) x 335.664(V)
Brightness	270 nits
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	5 ms (GTG) (Typ.) with OD
Viewing Angle	89/89/89/89 (CR>10)

Price / MP Schedule

- USD: TBA
- KO + 3 months

Features

- 3HDMI + 1DP + earphone
- With speaker; power built-in





Monitors

Monitors – 31.5” QHD HDR-10 (VL3s)



31.5" IPS VL3	Specifications
Resolution	3840 x 2160(UHD)
Active Area (mm)	698.40(H) x 392.85(V)
Brightness	300 nits
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	5 ms (GTG) (Typ.) with OD
Viewing Angle	89/89/89/89 (CR>10)
Price / MP Schedule	Features
<ul style="list-style-type: none"> • USD: TBA • KO + 3 months 	<ul style="list-style-type: none"> • 2HDMI + 1DP + earphone • With speaker; power built-in



Monitors – 31.5” QHD HDR-600 (VL3s)



31.5" IPS VL3	Specifications
Resolution	3840 x 2160(UHD)
Active Area (mm)	698.40(H) x 392.85(V)
Brightness	400 nits
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	5 ms (GTG) (Typ.) with OD
Viewing Angle	89/89/89/89 (CR>10)
Price / MP Schedule	Features
<ul style="list-style-type: none"> • USD: TBA • KO + 3 months 	<ul style="list-style-type: none"> • 2HDMI + 1DP + earphone • With speaker; power built-in





Monitors

Monitors – 21.5” FHD Borderless (semi-set)



21.5 FHD	Specifications
Resolution	1920 x 1080 (FHD)
Brightness	250 nits (Typ.)
Dynamic Contrast Ratio	10,000,000 : 1 (Typ.)
Response Time	14 ms (GTG) (Typ.)
Viewing Angle	89/89/89/89 (CR≥10)

Price / MP Schedule	Features
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•MP

• 1H, 1A, adaptor



Monitors – 23.8” FHD Borderless (semi-set)



23.8 FHD	Specifications
Resolution	1920 x 1080 (FHD)
Brightness	250 nits (Typ.)
Dynamic Contrast Ratio	10,000,000 : 1 (Typ.)
Response Time	14 ms (GTG) (Typ.)
Viewing Angle	89/89/89/89 (CR≥10)

Price / MP Schedule	Features
---------------------	----------

•MP

• 1H, 1A, adaptor





Monitors

Monitors – 27” FHD Borderless (semi-set)



27 FHD	Specifications
Resolution	1920 x 1080 (FHD)
Brightness	250 nits (Typ.)
Dynamic Contrast Ratio	10,000,000 : 1 (Typ.)
Response Time	14 ms (GTG) (Typ.)
Viewing Angle	89/89/89/89 (CR≥10)

Price / MP Schedule	Features
•MP	• 1H, 1A, adaptor

•MP

• 1H, 1A, adaptor



Monitors – 21.5” FHD Borderless (XL2)



21.5 FHD	Specifications
Resolution	1920 x 1080 (FHD)
Brightness	200 nits (Typ.)
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	14 ms (GTG) (Typ.)
Viewing Angle	89/89/89/89 (CR≥10)

Price / MP Schedule	Features
•Mock sample prepare	• 1H, 1A, power build in

•Mock sample prepare

• 1H, 1A, power build in





Monitors

Monitors – 23.8” FHD Borderless (XL2)



23.8 FHD	Specifications
Resolution	1920 x 1080 (FHD)
Brightness	250 nits (Typ.)
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	14 ms (GTG) (Typ.)
Viewing Angle	89/89/89/89 (CR≥10)

Price / MP Schedule	Features
---------------------	----------

- Mock sample prepare
- 1H, 1A, power build in



Monitors – 27” QHD Borderless (XL2)



27 QHD	Specifications
Resolution	2560 x 1440 (QHD)
Brightness	250 nits (Typ.)
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	14 ms (GTG) (Typ.)
Viewing Angle	89/89/89/89 (CR≥10)

Price / MP Schedule	Features
---------------------	----------

- Mock sample prepare
- 1H,1A,1DP, speaker, power build in





Monitors

Monitors – 31.5” QHD Borderless (XL2)



31.5 QHD	Specifications
Resolution	2560 x 1440 (QHD)
Brightness	300 nits (Typ.)
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	14 ms (GTG) (Typ.)
Viewing Angle	89/89/89/89 (CR≥10)

Price / MP Schedule	Features
---------------------	----------

- Mock sample prepare
- 1H,1A,1DP, speaker, power build in



Monitors – 27” QHD 4-side Borderless



27 QHD	Specifications
Resolution	2560 x 1440 (FHD)
Brightness	300 nits (Typ.)
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	8 ms (GTG) (Typ.)
Viewing Angle	89/89/89/89 (CR≥10)

Price / MP Schedule	Features
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- KO + 3 months
- 1DVI 1H 1DP
- speaker Earphone Audio in





Monitors

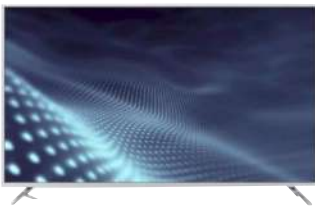
Monitors – 27” QHD 4-side Borderless (XL3)



27 QHD	Specifications
Resolution	2560 x 1440 (FHD)
Brightness	300 nits (Typ.)
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	8 ms (GTG) (Typ.)
Viewing Angle	89/89/89/89 (CR≥10)
Price / MP Schedule	Features
<ul style="list-style-type: none"> • USD: TBA • Under development 	<ul style="list-style-type: none"> • 1H, 1A, type C



Monitors – 65” OTS model (JL4)



65” UHD	Specifications
Resolution	3840 x 2160 (UHD)
Active Area (mm)	1428.5(H) x 803.5(V)
Brightness	350 nits (Typ.)
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	8.5 ms (GTG) (Typ.) with OD
Viewing Angle	89/89/89/89 (CR≥10)
Price / MP Schedule	Features
<ul style="list-style-type: none"> • USD: TBA • KO + 3 months 	<ul style="list-style-type: none"> • 1A 2H1.4 1H2.0 1DP • With speaker, with power cord cable





Monitors

Monitors – 43” OTS model (JL6)



43” UHD	Specifications
Resolution	3840 x 2160 (UHD)
Active Area (mm)	941.1(H) x 529.41(V)
Brightness	300 nits (Typ.)
Dynamic Contrast Ratio	5,000,000 : 1 (Typ.)
Response Time	8.5 ms (GTG) (Typ.) with OD
Viewing Angle	89/89/89/89 (CR≥10)
Price / MP Schedule	Features
• USD: TBA	• 1A 2H1.4 1H2.0 1DP
• KO + 3 months	• With speaker with power cord cable



Digital Signages

Digital Signage



Universal Signage



Outdoor Signage



Gallery Signage



Elevator Signage



Digital Signages

Conference Room Interactive Board



Interactive Display – Education





Digital Signages

Signage – Innovative Displays



Smart Control Panel



Transparent Display



Mirror Display



Transparent Video Wall



Standard Line-Up

Video Wall

Line up



Series

Feature

VP**L

- 1920 x 1080
- Bezel: 0.88mm (Even Bezel, A to A)
- 500nit
- RS232 Daisy Chain (RJ45 jack)
- DP Daisy Chain
- Video Wall Management Software

VE**H

- 1920 x 1080
- Bezel:3.5mm (2.5mmT/L, 1.0B/R, B to B)
- 700nit (49") / 800nit (55")
- RS232 Daisy Chain (RJ45 jack)
- DP Daisy Chain
- Video Wall Management Software

VE**L

- 1920 x 1080 / 3840 x 2160 (65")
- Bezel:3.5mm (2.5mmT/L, 1.0B/R, B to B)
- 500nit
- RS232 Daisy Chain (RJ45 jack)
- DP Daisy Chain (* not available for 65")
- Video Wall Management Software

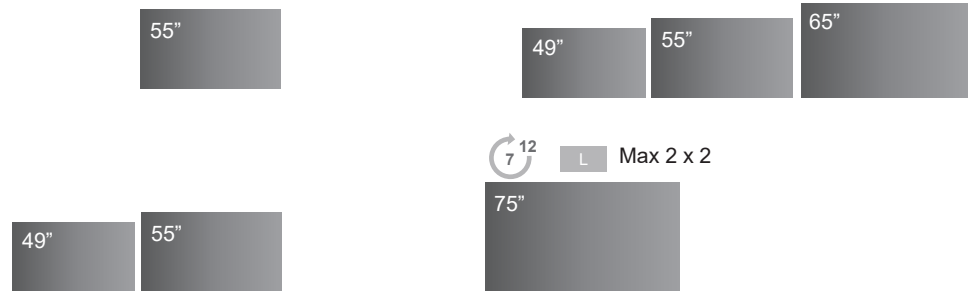
VL**L

- 3840 x 2160
- Bezel:3.5mm (2.5mmT/L, 1.0B/R, B to B)
- 500nit (BMS*)
- RS232 Daisy Chain (RJ45)
- Video Wall Management Software

*BMS: Backlight Module System

Screen Size Range

Hardware





Standard Line-Up

Giant Screen

<u>Line up</u>	<u>Series</u>	<u>Feature</u>
   	GM98A-M GM110A-M	<ul style="list-style-type: none"> • 3840 x 2160 • 60Hz (98")/120Hz (110") • Digital Signage • Bezel: 17mm (Even Bezel) • 500nit • DP Daisy Chain • RS232 Daisy Chain
	GU110A-A	<ul style="list-style-type: none"> • 7680*4320 • 120hz • Digital Signage • Bezel: 17mm (Even Bezel) • 600nit (TBD) • Android 7.1 • External Input

Screen Size Range

Hardware

98"	110"	110"
		
ETD @ Mid of Apr.	ETD @ Mid of Apr.	ETD @ Mid of May.



Standard Line-Up

Interactive White Board (IWB)

<u>Line up</u>	<u>Series</u>	<u>Feature</u>
	IC**A-I	<ul style="list-style-type: none">• 3840 x 2160• 320nit• 20 Point IR Touch• Android 6.0 + OPS Slot• Wireless transmission
	IC**A-P	<ul style="list-style-type: none">• 3840 x 2160• 300nit• 40 Point P-Cap Touch• Android 8.0 + OPS Slot• Wireless transmission

Hardware





Screen Size Range





Standard Line-Up

Shelf Strip Display

<u>Line Up</u>	<u>Series</u>	<u>Feature</u>
   	BM47A	<ul style="list-style-type: none"> • 3840x 160 • 500nits • Android 5.1.1 • Quad-core A53 SMP4+2G+8G • Suitable dimension for shelf • Power Adapter • WiFi
	BM23A	<ul style="list-style-type: none"> • 1920 x 158 • 400nits • Android 7.1 • Quad-core 1.2GHz+1G+8G • Suitable dimension for shelf • USB Type C for Power • WiFi

Hardware

Screen Size Range

47.1"



 50K Hrs

23.1"



 30K Hrs





Standard Line-Up

L/T-Frame

Line Up



Series

DL**A
DT**A

Feature

- 1080x1920
- 300nits(-AL)/800nits(-AH)/ 700nits (49.5")
- Android 4.4 / 7.1
- White/Black
- Full Metal Enclosure
- Super Slim design
- T Stand (DT**A) / L Stand (DL**A)



Screen Size Range

Hardware



*DL495 Only

Standard Line-Up

A-Frame

Line Up



Series

DA**A

Feature

- 1080 x 1920
- 300nit / 1000nits (*DA43AW Only)
- Android 4.4 / 7.1
- Internal Speaker (3W x 2)
- White/Black
- Full Metal Enclosure
- A-Frame Stand
- Battery Pack Support(Optional)
- IP65 (*DA43AW Only)
- 3mm Tempered Glass with AG coating (*DA43AW Only)

Screen Size Range



Hardware



Project-based Line-Up

Open Frame

Line Up

Series

Feature



NF**A

- 1920 x 1080
- Back Enclosure + Surrounding fixing bracket
- Android 7.1 / Monitor
- Built-In Speaker
- VESA Mounting



NT**A

- 1920 x 1080
- Back Enclosure + Surrounding fixing bracket
- Android 7.1 / Monitor
- 10 Point P-Cap Touch with Tempered Glass
- Built-In Speaker
- VESA Mounting

Screen Size Range



Hardware



Project-based Line-Up

Open Style

Line Up

Series

Feature



NS**A

- 1920 x 1080
- AD Box Fixing Chassis
- Android 7.1 / Monitor
- Built-In Speaker
- VESA Mounting



Screen Size Range

Hardware



Project-based Line-Up

Bar Display

Line Up



Series

BM48A

**BM19A
BM24A
BM28A
BM29A
BM37A**

Feature

- 3840 x 720
 - 1000nits
 - Android 7.1 (T960X/2G/8G)
 - External Input
 - Built-In Speaker
 - WiFi
 - Full Metal Enclosure
-
- 1920 x 290 (36.6")
 - 1920 x 360 (19"/24"/28")
 - 1920 x 540 (29")
 - 300nits (19"/24")
 - 700nits (28"/29"/36.6")
 - Android 8.1 (PX30/1G/8G)
 - Built-In Speaker
 - WiFi
 - Full Metal Enclosure

Screen Size Range



Hardware



Project-based Line-Up

Outdoor

Line Up



Series

OF**A

Feature

- 1920 x 1080 / 3840 x 2160 (65"/75")
- 2000nits (43"/49") / 2500nit
- Operation Temp.: -25°C~45°C
- Fan Cooling/A/C Cooling/Exchanger Cooling
- HEPA Filter
- Heating System
- Remote Monitoring
- Protection: IP65 / AR Tempered Glass
- Android 7.1 / Monitor

Screen Size Range

Hardware



Project-based Line-Up

Window-Facing

Line Up



Series

WC**A

Feature

- 1920x1080
- Dual View (2500+700 nits / 700+700 nits)
- Super Slim Design (30mm Depth)
- Passive Cooling
- Auto Brightness
- Remote Monitoring
- Android 7.1

Hardware

Screen Size Range



Project-based Line-Up

Art Signage

Line Up



Series

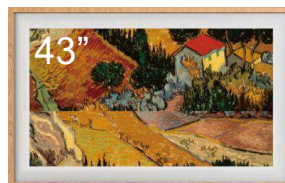
RS**A

Feature

- 1920 x 1080
- Wood Grain Frame / PS wood-like Frame
- 350nit
- Android 4.4 / 7.1
- Internal Speaker (3W x 2)



Screen Size Range



Hardware

Project-based Line-Up

E-Table

Line Up



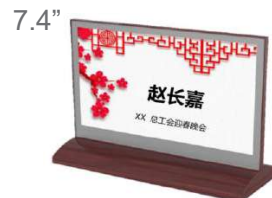
Series

T740BT

Feature

- E-ink Technology
- Double-side Display
- Refresh Independently
- Bluetooth Communication
- Support NFC Bonding

Screen Size Range



Hardware