

# Value Signage Displays VB Series

49" / 55" / 65"

Resolution: 3840x2160 (UHD)

Brightness: 350 cd/m<sup>2</sup>

Operation: 16/7

Bezel: 10 mm (T/R/L), 14-16 mm (B)

Interface: HDMI 2.0 / VGA / USB / RS232 /  
RJ45 / RJ12 / IR / HP / Audio / Speaker



**Our new design with minimum cost creates the best environment for many purposes. With great visual experience, the optimum cost product will fit exactly to your needs.**



## Embedded CMS

Embedded content management program which supports playback library, ready templates and scheduler. With its simple and intuitive menus and layout options, it is effective for small and medium enterprises to make easy content management.

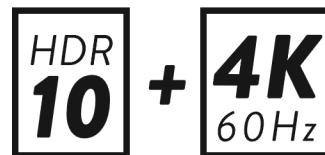
## URL Startup

Aside from all startup options, URL startup greatly utilizes the advertisement of any business webpage without any extra setup. Once the product is opened business webpage opens easily.



## DAP (Dolby Audio Processing) Technology

Our displays provides a comprehensive sound performance by using Dolby's latest technology DAP. With embedded DAP Technology, superior sound performance achieves by intelligent audio equalizing, dialog enhancements and surround sound upmixing.



## HDR10 & 4K HDMI @60Hz

By HDR10 compatibility, customers can guarantee that all featured content meets HDR guidelines and reaches superior picture quality as clearly and brightly as possible. Different than many products in the market, 4K content over HDMI source is supported at 60Hz.

# Value Signage Displays VB Series

49"/55"/65"

1. HDMI IN 1
2. HP
3. IR IN
4. HDMI IN 2
5. OPTICAL SPDIF
6. RJ12-SENSORS
7. RJ12
8. AUDIO IN L/R
9. DSUB9-RS232
10. VGA
11. RJ45
12. USB 2
13. USB 1



## KEY SERIES FEATURES

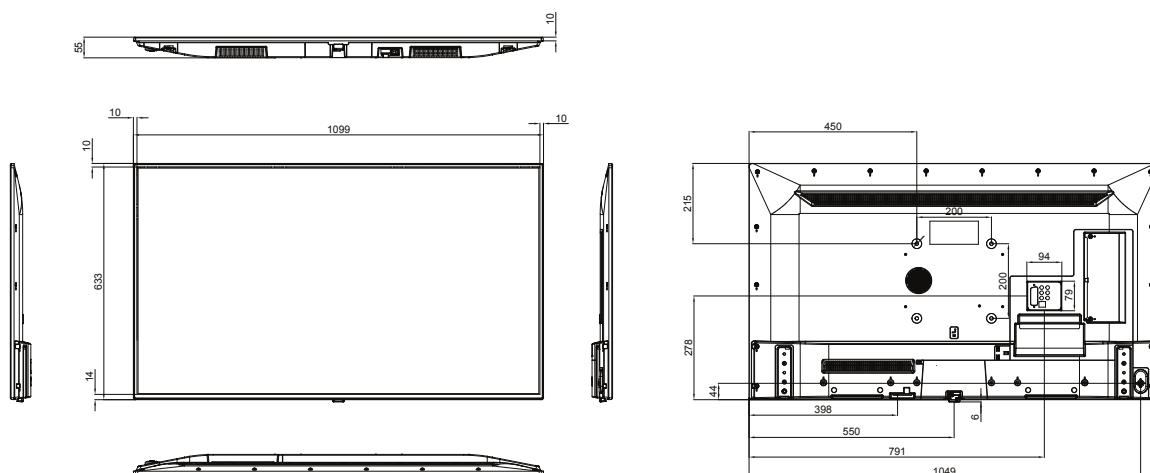
- Embedded CMS
- Improved UI
- Input Search
- Scheduler
- Dolby Audio Processing
- Temperature Control
- Button Lock
- USB Cloning
- 4K HDMI @60Hz
- IP Streaming Support
- RCU Lock
- USB Operations
- Playlist Creation
- Color Calibration(VW)
- Menu Lock
- USB Information
- SoC CMS
- Built-in Connectivity
- Device ID
- USB Safe Eject
- HTML5 API Support
- Built-in WiFi
- Display Lifetime
- Videowall Settings
- Start Url
- Built-in Bluetooth
- Serial Number
- Daisychain
- Professional Design
- Display Control
- Software Upgrade
- Volume Limit
- HDMI Wakeup
- Usb Auto-Play
- OPS Status
- Startup Volume
- HDMI Switching
- Longer Life Span
- OPS Power Control
- Headphone Volume
- HDMI CEC
- Sensor Support
- Power-up Mode
- HDMI Auto-Switch
- OSD Rotation
- Power on Delay
- Brightness Scheduling
- Pixel Shifting
- Auto-Launch
- Sensor Compatibility
- Signal Failover
- Boot-up Picture

# VB Series

Model Name	VB49A/2	VB55A/2	VB65A/2
<b>Panel</b>			
Screen Size	49"	55"	65"
Panel Technology	IPS	VA	IPS
Backlight Type	Edge-Type LED	Edge-Type LED	Direct-Type LED
Brightness (typical)	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
Native Resolution	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1200:1	6000:1	1200:1
Dynamic Contrast Ratio	35000:1	35000:1	35000:1
Panel Life Time (Min.)	30000 Hrs	30000 Hrs	30000 Hrs
Response Time (typical)	6 ms	8 ms	5 ms
Active Area (H x V)	1074 x 605 mm	1210 x 680 mm	1428 mm (H) x 804 mm (V)
Pixel Pitch (H x V)	0.2796 x 0.2796 mm	0.3150 x 0.3150 mm	0.372 x 0.372 mm
PPI (pixel per inch)	91	81	68
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)	1.07 B (10-bit)	1.07 B (10-bit)
Screen Treatment	3H	3H	3H
Haze Level	1%	1%	3%
Refresh Rate	60Hz	60Hz	60 Hz
Front Type	UNB	UNB	UNB
Orientation	Horizontal	Horizontal	Horizontal
Operation Hours	16/7	16/7	16/7
Area of Usage	Indoor	Indoor	Indoor
<b>Mainboard</b>			
Mainboard Model	17MB135VS	17MB135VS	17MB135VS
<b>Monitor Connectivity</b>			
RGB Input	VGA(DE-15F)	VGA(DE-15F)	VGA(DE-15F)
RGB Output	N/A	N/A	N/A
Video Input	2xHDMI2.0, 2xUSB2.0, USB2.0(Internal)	2xHDMI2.0, 2xUSB2.0, USB2.0(Internal)	2xHDMI2.0, 2xUSB2.0, USB2.0(Internal)
Video Output	N/A	N/A	N/A
Audio Input	Line In L/R	Line In L/R	Line In L/R
Audio Output	Headphone, Optic SPDIF	Headphone, Optic SPDIF	Headphone, Optic SPDIF
External Control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12	RJ12	RJ12
<b>Mechanical</b>			
Product Dimensions (WxDxH)	1097 x 69 x 630 mm	1236 x 69 x 709 mm	1236 x 69 x 709 mm
Package Dimensions (WxDxH)	1195 x 145 x 775 mm	1369 x 145 x 874 mm	TBD
Product Weight	TBD	TBD	TBD
Package Weight	TBD	TBD	TBD
Vesa Mounting	200 x 200 mm	400 x 400 mm	400 x 400 mm
Bezel Width	B:12   T:8   L/R:8 mm	B:13   T:9   L/R:9 mm	B:13   T:9   L/R:9 mm
<b>Environmental Conditions</b>			
Operating Temperature	0-40°C	+40°C / 0°C	+40°C / 0°C
Operating Humidity	10-90%	0 to 90%	0 to 90%
<b>Power</b>			
Power Supply	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz
<b>Power Consumption</b>			
Typical	TBD	TBD	TBD
Deep Standby	≤0.5W	≤0.5W	≤0.5W
<b>Features</b>			
Main Features	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Autoplay, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock
Mechanical Features	Joystick Rocker Switchcover, Cable Holder	Joystick Rocker Switchcover, Cable Holder	Joystick Rocker Switchcover, Cable Holder
Optional Features	N/A	N/A	N/A
Speaker	TBD	TBD	TBD
<b>Accessory</b>			
Standard	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets	QSG, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets
<b>Certification</b>			
Safety	Yes	Yes	Yes
EMC	Yes	Yes	Yes
CE	Yes	Yes	Yes

# VB Series / VM Series

## VB49A-2 / M49A-4



## VB55A-2 / M55A-4

