

# Clear Transparent and True Color Expression

## Transparent Signage WFB Series



The transparent signage, the WFB Series maximize information delivery as well as the real product exposure due to its M+ panel technology. In addition, it offers excellent energy efficiency.



### Key Features

#### Advanced IPS Technology



#### Superior Color Gamut

With Superior Color Gamut, WFB presents more clearer image.



Conventional

VS



WFB (FHD)

#### Higher Transparency

M+ (RGBW) Panel enables the transparency higher than conventional RGB panel so that it increases the image visibility.



Normal RGB  
Transparency  
5.5%

+ White  
Sub Pixel



M+ (RGBW)  
Transparency  
10% ↑

#### Superior Picture Quality

LG IPS technology provides true color image as the actual product color.



Conventional

VS



WFB (FHD)

#### Wide Viewing Angle

IPS panel technology has the better control of liquid crystal. As a result, it allows users to view the screen virtually at any angle.



178°

178°

#### Cost Effectiveness



#### Low Power Consumption by M+

It has excellent energy-efficiency and cost-savings with the M+ panel, which decreases power consumption by 30% compared to the RGB panel.

(RGB)



Conventional



WFB

(M+)

Reduced by  
30%

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## Screen Sizes

55", 49"

## WFB Series

- Resolution : 1,920 x 1,080 (FHD)
- Transmittance : 10% (55"), 9.4% (49")

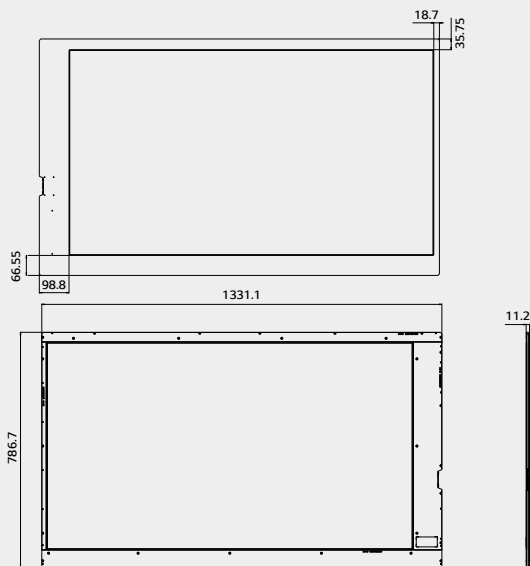
## Specifications

	55WFB	49WFB	
<b>PANEL</b>	Screen Size	54.64" (1,387.80mm) diagonal	48.5" (1,232.0mm) diagonal
	Panel Technology	IPS	IPS
	Aspect Ratio	16 : 9	16 : 9
	Native Resolution	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)
	Transmittance	10%	9.4%
	Contrast Ratio	1,000 (Typ.)	1,300
	Viewing Angle (H x V)	178 x 178	178 x 178
	Response Time	9ms (G to G)	8ms (G to G)
	Surface Treatment	Hard coating(2H), Anti-reflection treatment of the front polarizer	Hard coating(2H), Anti-reflection treatment of the front polarizer (Reflectance < 2%)
	Guaranteed Operating Hour	24 Hours	24 Hours
<b>CONNECTIVITY</b>	Input	LVDS(1)	LVDS(1)
	Color	Black	Black
<b>PHYSICAL SPECIFICATION</b>	Bezel Width	35.75mm (T), 66.55mm (B), 98.8mm (L), 18.7mm (R)	64.1mm (T), 18.7mm (B), 18.7mm (L), 125.86mm (R)
	Monitor Dimension (W x H x D)	1,331.1 x 786.7 x 11.2mm	1,222.34 x 690.8 x 11.2mm
	Weight (Head)	6.6kg	5.4kg
	Carton Dimensions (W x H x D)	1,421 x 877 x 118mm	1,303 x 771 x 118mm
<b>ENVIRONMENTAL CONDITIONS</b>	Operating Temperature Range	0°C to 40°C	0°C to 40°C
	Operating Humidity Range	10 % to 80 %	10 % to 80 %
<b>POWER</b>	Power Consumption (Typ.)	5.52W (12V input)	5.4W (12V input)
<b>ACCESSORY</b>	Accessory	Simple Book (1)	Simple Book (1)

## Dimension (unit : mm)

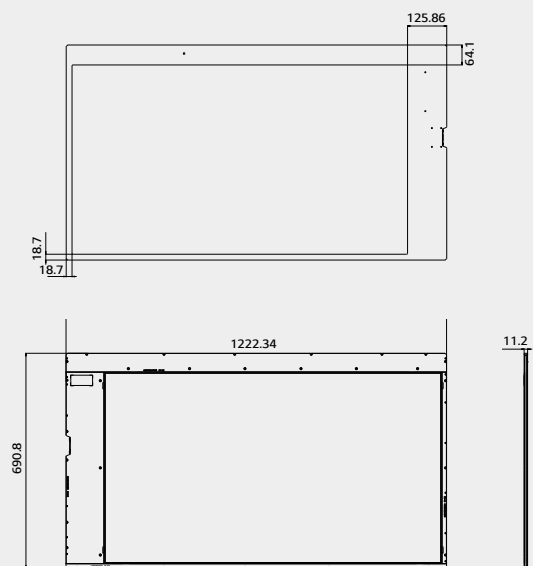
55"

1,331.1 x 786.7 x 11.2mm / 6.6kg



49"

1,222.34 x 690.8 x 11.2mm / 5.4kg



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