

**Product specification** (design and specification subject to change without notice)

**DISPLAY PANEL**

Screen Size (Diagonal)	85.6-inch (2174 mm)
Panel type	IPS/D-LED
Aspect Ratio	16:9
Effective Display Area (WxH)	1895.0 x 1065.9 mm
Number of pixels (HxV)	3840 x 2160 pixels
Contrast Ratio	1200:1 (typ.)
Brightness	500cd/m <sup>2</sup> (typ.)
Response Time	8ms (G to G)
Viewing Angle (Horizontal / Vertical)	178° / 178°
Panel Surface Treatment	Anti glare (Haze 3%)
Panel Life <sup>*1</sup>	approx. 30000 hours

\*1 When the panel lifetime is at 50% of brightness under the condition of 25 degrees Celsius (+/-2 degree celsius).

**CONNECTION TERMINAL**

HDMI IN (2K)	HDMI TYPE A connector x 2	Compliance with HDMI Revision 1.4b Compatible with HDCP 1.4
HDMI IN (4K)	HDMI TYPE A connector x 2	Compliance with HDMI Revision 1.4b Compatible with HDCP 1.4
HDMI OUT	HDMI TYPE A connector x 1 (Only HDMI IN2)	Compliance with HDMI Revision 1.4b Compatible with HDCP 1.4
COMPONENT IN	RCA x 1 / x 1 / x 1	Y : RCA Contact Plug with sync 1.0 Vp-p (75 Ω) Pb/Cb : RCA Contact Plug without sync 0.7 Vp-p (75 Ω) Pr/Cr : RCA Contact Plug without sync 0.7 Vp-p (75 Ω)
AUDIO IN (L/R)	RCA x 1/ x 1 (Shared with PC)	0.5Vrms
VIDEO IN	RCA x 1	1.0 Vp-p (75 Ω)
AUDIO IN (L/R)	RCA x 1/ x 1	0.5Vrms
VIDEO OUT	RCA x 1	1.0 Vp-p (75 Ω)
AUDIO OUT (L/R)	RCA x 1/ x 1	0.5Vrms
DVI-D IN	DVI-D 24pin x 1 (Contains Audio)	Compliance with DVI Revision 1.4b Compatible with HDCP 1.4
PC IN	Mini D-sub 15pin x1 (Female)	
AUDIO IN	Stereo Mini jack (M3) x 1	0.5Vrms
COAXIAL	RCA x 1	
EARPHONE IN	MINI 3.5mm	
SERIAL IN/OUT	D-sub 9pin x1/ x1 ,RS-232C Compatible	
USB 2.0	USB Type A connector x 1 DC 5V/500mA	
USB 3.0	USB Type A connector x 1 DC 5V/900mA	
OPS	TX24-80R-LT-H1E ( JAE )	19V DC 5A

**SPEAKER**

Built in Speaker	40W (20W+20W)
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**ELECTRICAL**

Power Requirements	AC 100V~240V 50/60 Hz
Power Consumption	450W
On Mode Average Power Consumption	375W
Stand-by Condition	approx. 0.5W

**MECHANICAL**

Dimensions (W x H x D)	1963 x 1136 x 101.4mm
Weigh	approx.53KG
Bezel Color	Black
Bezel Width	T/R/L/B : 33 mm
Carton Dimensions (W x H x D)	2210 x 1480 x 400mm
Gross Weight	approx.81KG
Cabinet Material / Color	Metal / Black
Pitch for Wall-Hanging	VESA Compliant 700 x 400 mm (Installed by: M8 screws / Screw hole depth 20 mm)

**INSTALLATION REQUIREMENT**

Orientation	Landscape
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\*Please contact your sales representatives with regard to the tilt angle before installation.

ENVIRONMENTAL

Operating Environment	Temperature	: 0 °C to 40 °C (for up to 1400 m altitude)
	Humidity	: 20 % to 85 % (Non condensation)
	Altitude	: 0 to 2800m
Storage Environment	Temperature	: -10 °C to 60 °C
	Humidity	: 10 % to 90 % (Non condensation)

MAIN FEATURE

USB Media Player	Yes
Operating Time	18h/d
High Temperature Shutdown	Yes
1:1 Pixel mode	Yes
Support 4K signal	Yes
Screen Saver	Yes
PC Input Auto Adjust	Yes
Power Management	Yes
Remote-control User Level	Yes
RGB Adjust	Yes

\*In case of running for a long time, the moving image is recommended to be displayed. If you display a still picture for an extended period, the image retention might remain on the screen. However, image retention can gradually disappear by displaying a moving images.

STANDARD (CERTIFICATIONS)

SAFETY REGULATIONS	GB4943.1-2011
RADIATION REGULATIONS	GB/T9254-2008 (Class A)/GB17625.1-2012
ENERGY CONSERVATION REGULATIONS	GB21520-2015 (Class 1)

REMOTE CONTROL TRANSMITTER

Power Requirements	DC 3V
Operating distance	approx. 7m*
Weight	approx. 63g including batteries
Dimensions (W×H×D)	44×105×21mm

\*When operated directly in front of receptor.

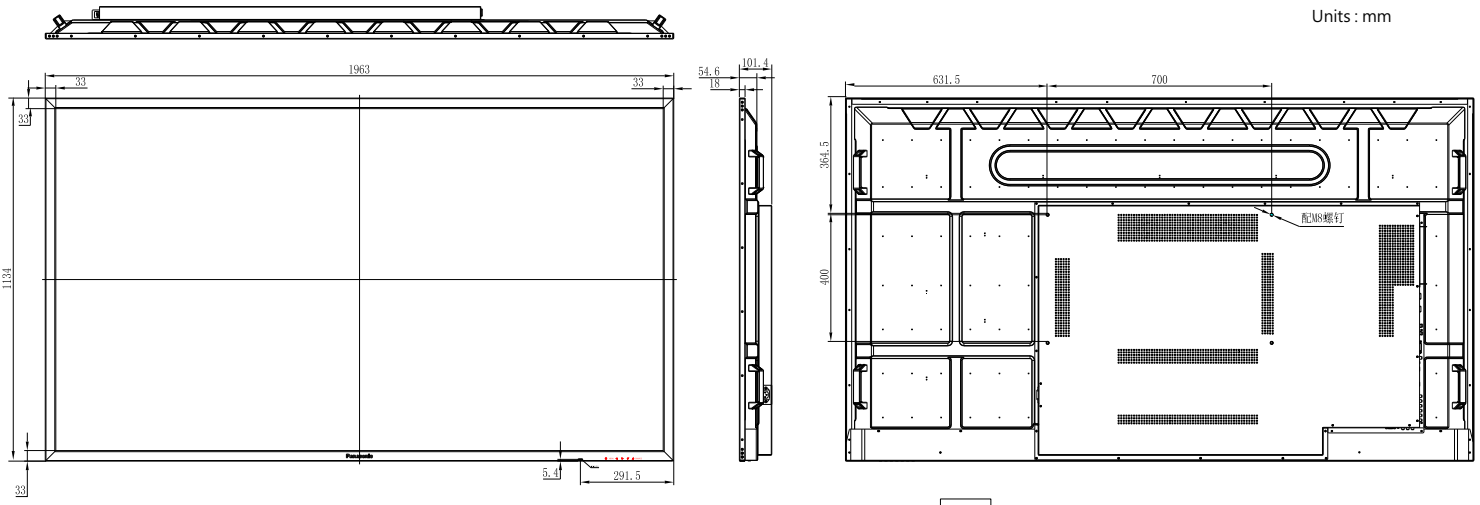
INCLUDED ACCESSORIES

AC cord	Yes
Remote Control	Yes
Batteries (AAA size) ×2	Yes
Operating instruction book	Yes

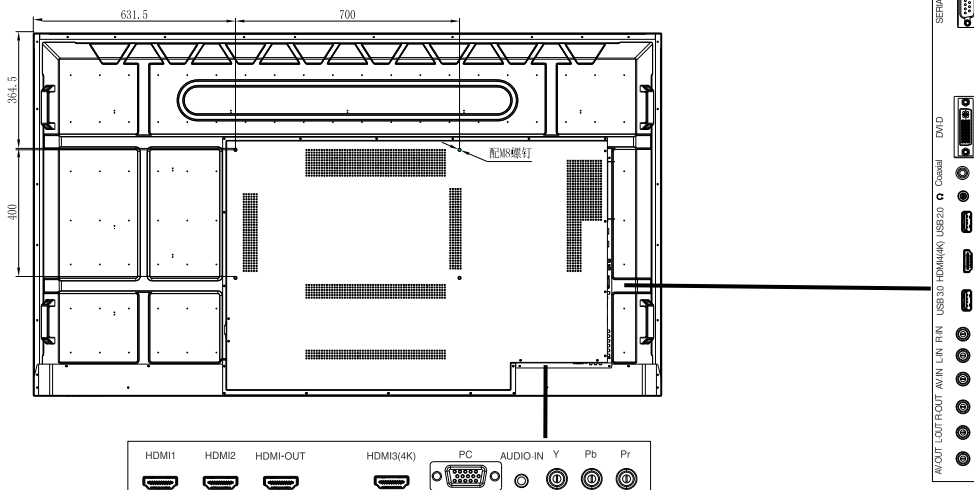
DIMENSIONS

Cautious: This drawing is not a scale

Units : mm



CONNECTION TERMINAL



 List of correspondence signals


R : D-sub RGB

Y : YPbPr

D : DVI-D

H : HDMI

The picture signal which can indicate a this machine is as it is the following table

 Video input

Correspondence signal	Resolution	Horizontal frequency (kHz)	Vertical frequency (Hz)	Dot clock (MHz)	Format
NTSC/NTSC4.43/PAL-M	720 x 480i	15.70	59.90	-	V
PAL/PAL-N/SECAM	720 x 576i	15.60	50.00	-	V
525i(480i)	720 x 480	15.75	60.00	13.50	R/Y
525P(480p)	720 x 483	31.47	59.94	27.00	R/Y/D/H
625P(576p)	720 x 576	31.25	50.00	27.00	R/Y/D/H
720/60p	1280 x 720	45.00	60.00	74.25	R/Y/D/H
1080/60i	1920 x 1080	33.75	60.00	74.25	R/Y/D/H
1080/24p	1920 x 1080	27.00	24.00	74.25	R/Y/D/H
1080/30p	1920 x 1080	33.75	30.00	74.25	R/Y/D/H
1080/50p	1920 x 1080	56.25	50.00	148.50	R/Y/D/H
1080/60p	1920 x 1080	67.50	60.00	148.50	R/Y/D/H
2160/24p	3840 x 2160	54.00	24.00	297.00	H (4k)
2160/30p	3840 x 2160	67.50	30.00	297.00	H (4k)
VGA	640 x 480	31.5	59.9	25.2	R/D/H
		35.0	66.7	30.2	R/D/H
		37.9	72.8	31.5	R/D/H
		37.5	75.0	31.5	R/D/H
		43.3	85.0	36.0	R/D/H
SVGA	800 x 600	35.2	56.3	36.0	R/D/H
		37.9	60.3	40.0	R/D/H
		48.1	72.2	50.0	R/D/H
		46.9	75.0	49.5	R/D/H
		53.7	85.1	56.3	R/D/H
XGA	1024 x 768	39.6	50.0	51.9	D/H
		48.4	60.0	65.0	R/D/H
		56.5	70.1	75.0	R/D/H
		60.0	75.0	78.8	R/D/H
		65.5	81.6	86.0	R/D/H
		68.7	85.0	94.5	R/D/H
1360 x 768	1360 x 768	47.7	60.0	85.5	D/H
		47.7	60.0	84.7	D/H
		47.7	59.8	84.8	D/H
1920 x 1080	1920 x 1080	66.6	59.9	138.5	R/D/H
	1920 x 1080	67.5	60.0	148.5	R/D/H