

## Physical Parameter

Physical Parameter data

Pixel Pitch	1.68mm
Pixel Configuration	1 red, 1 green, 1 blue
Configuration (LxH, per cabinet)	1920x1080 pixels
Diode Type	Flip-chip RGB LED
Dimensions (W x H x D, Cabinet)	3,225.6x1,814.4x49 mm
Diagonal (inch, DiagonalxD, per cabinet)	145.7x1.9 inch
No. of Modules (WxH, per cabinet)	16 x 12
Weight (per cabinet/per m <sup>2</sup> )	160 kg

## Optical Parameter

Optical Parameter data

Brightness (Peak/Max) <sup>(1)</sup>	1,400 nit / 500 nit
Contrast Ratio <sup>(2)</sup>	22,000 : 1
HDR Compatibility	LED HDR / AI Picture
Viewing angle - Horizontal	170°
Viewing angle - Vertical	155°
Bit Depth	16 bit (Internal processing 20bit)
Color Temperature - Default	6,500K ± 500K (Floating bin)
Color temperature - Adjustable	2,800K ~ 10,000K

## Electrical Parameter

Electrical Parameter

Video Rate	50/60 Hz 100/120 (FRC) Hz
Cabinet - Input Power Range	100~240 VAC, 50/60 Hz
Power consumption - Max	1240 (W/Screen)
Power consumption - Typical	860 (W/Screen)
Heat generation – Max(BTU/m <sup>2</sup> , BTU/cabinet)	4231 (BTU/Screen)
Heat generation – Typical(BTU/m <sup>2</sup> , BTU/cabinet)	2934 (BTU/Screen)
Refresh rate	7,680 Hz
Power Redundancy	No

## Operation Conditions

Operation Conditions data

Working Temperature / Humidity	0°C~+40°C / 10%~80%RH
Storage Temperature / Humidity	-20°C~+45°C / 5%~95%RH
IP Rating	IP20
LED Lifetime	150,000 hours

## Connectivity

Connectivity

Controller	Built-in
Input (Video)	DP 1.2 (1), HDMI 1.4 (3), USB 2.0 (2)
Output	Audio (Stereo mini Jack) / eARC
WiFi / BT	Yes / Yes
External Control	RS232C(in), RJ45
Speaker	10W 2ch

## Features

Features

MagicINFO	Yes
Sensor	Temperature, Eco Sensor
Operating System	Tizen 6.5
Other	AI Picture, LED HDR, Dynamic Peaking
Other SW Features	Workspace, Auto Source Switching & Recovery, Dicom Simulation Mode, SmartView+(PC)

## Certification

Certification data

Safety	62368-1, 60950-1
EMC	Class A
Eye-protection	TUV Low Blue Light

## Service

Service data

Service	Front
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## Package

Package data

Box Dimension (WxDxH)	2,000 × 1,000 × 2,162 mm
Box Volume (m3)	N/A
Package Weight (per cabinet)	242 kg

## Special Installation

Special Installation data

Other	Side by Side Installation with additional frame kit (up to 4 screens)
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## Accessories

#### Accessories data

<b>Accessories</b>	Décor Frame, Frame Kit, Buffer parts (18 Modules, 1 T-Con, 1 SMPS)
<b>Remote Control</b>	IR Remote Cotroller

## Disclaimer

#### Disclaimer data

<b>Disclaimer<sup>(1)</sup></b>	Peak value according to IDMS (Information Display Measurement Standard)
<b>Disclaimer<sup>(2)</sup></b>	Measured under 10lux light Test condition. Contrast in darkroom exceeds 1000000:1
<b>Disclaimer<sup>(3)</sup></b>	Referring to visual refresh rate
<b>Disclaimer<sup>(4)</sup></b>	optional structure required