

Physical Parameter

Physical Parameter data

Pixel Pitch	1.26mm
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)	2,419.2x1,360.8x49 mm
Diagonal (inch, DiagonalxD, per cabinet)	109.3x1.9 inch
No. of Modules (WxH, per cabinet)	12 x 9
Weight (per cabinet/per m ²)	99 kg

Optical Parameter

Optical Parameter data

Brightness (Peak/Max) ⁽¹⁾	1,600 nit / 500 nit
Contrast Ratio ⁽²⁾	24,000 : 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	900 (W/Screen)
Power consumption - Typical	650 (W/Screen)
Heat generation – Max(BTU/m ² , BTU/cabinet)	3071 (BTU/Screen)
Heat generation – Typical(BTU/m ² , BTU/cabinet)	2218 (BTU/Screen)
Refresh rate	3,840 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)	2,847 x 398 x 1,582 mm
Box Volume (m3)	N/A
Package Weight (per cabinet)	154 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

Accessories	Décor Frame, Frame Kit, Buffer parts (12 Modules, 1 T-Con, 1 SMPS)
Remote Control	IR Remote Cotroller

Disclaimer

Disclaimer data

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