

Physical Parameter

Physical Parameter data

Pixel Pitch	0.63 mm
Pixel Configuration	1 red, 1 green, 1 blue
Configuration (LxH, per cabinet)	1920 x 1080 pixels
Diode Type	Flip-chip RGB LED
Dimensions (W x H x D, Cabinet)	1,209.6 x 680.4 x 59.9mm
Diagonal (inch, DiagonalxD, per cabinet)	54.64 x 2.35 inch
No. of Modules (WxH, per cabinet)	8 x 6
Weight (per cabinet/per m ²)	22.1 (kg/Cabinet) / 27.0 (kg/m ²)

Optical Parameter

Optical Parameter data

Brightness (Peak/Max) ⁽¹⁾	1,600 nit / 350 nit
Contrast Ratio ⁽²⁾	13,000 : 1
HDR Compatibility	LED HDR / HDR10 / HDR10+ support / AI Picture
Viewing angle - Horizontal	160°
Viewing angle - Vertical	150°
Bit Depth	16 bit (Internal processing 20bit)
Color Temperature - Default	6,500K ± 500K (Floating bin)
Color temperature - Adjustable	2,800K ~ 10,000K (using S-Box)

Electrical Parameter

Electrical Parameter

Video Rate	100/120 Hz
Cabinet - Input Power Range	100~240 VAC, 50/60 Hz
Power consumption - Max	TBD
Power consumption - Typical	TBD
Heat generation – Max(BTU/m ² , BTU/cabinet)	TBD
Heat generation – Typical(BTU/m ² , BTU/cabinet)	TBD
Refresh rate	3,840 Hz
Visual Refresh Rate	7,680 Hz (TBD)

Operation Conditions

Operation Conditions data

Power Redundancy	Yes (TBD)
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	SNOW-AAE / MBOXACE
Connectivity	Optical ✕ HDBT is used for connecting only BT/Wifi module

Features

Features

MagicINFO	Yes
Sensor	Temperature
Operating System	Tizen 6.0
Other	Dynamic Peaking

Certification

Certification data

Safety	62368-1, 60950-1
EMC	Class B
Eye-protection	TUV Eye Comfort

Service

Service data

Service	Front
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Package

Package data

Box Dimension (WxDxH)	1365 * 215 * 812 mm
Box Volume (m3)	N/A
Package Weight (per cabinet)	30.4kg

Accessories

Accessories data

Accessories	Décor Frame (Standard), Frame Kit
Remote Control	N/A

Disclaimer

Disclaimer data

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