

- Physical Parameter

**Pixel Pitch**

1.26 mm

**Pixel Configuration**

1 red, 1 green, 1 blue

**Diode Type**

Flip-chip RGB LED

**Configuration (LxH, per screen)**

3840 x 2160 pixels

**Dimensions (mm, LxHxD, per screen)**

127 x 71.4 x 2 in

**Dimensions (inch, per screen)**

109.3 x 1.9 inch

**No. of Modules (WxH, per screen)**

12 x 9

**Weight (per screen)**

108 kg

**Size**

110" UHD

**Type**

IA Series

- Optical Parameter

**Brightness**

1,400 nit/ 500 nit

**Brightness (Peak / Max)**

1,400 nit/ 500 nit

**Contrast Ratio**

24,000:1

**HDR Compatibility**

LED HDR / HDR10+ support / 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

**Video Rate**

50/60 Hz 100/120 (FRC) Hz

**Input Power Range**

100~240 VAC, 50/60 Hz

**Power Consumption (Max)**

1700 (W/Screen)

**Power Consumption (Typical)**

1100 (W/Screen)

**Heat Generation - Typ**

7104 (BTU/Screen)

**Refresh Rate**

3,840 Hz

**Heat Generation - Max**

9504 (BTU/Screen)

- Operation Conditions

**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

- Package

**Package Weight (per Cabinet)**

148 kg

- Certification

**Eye-protection**

TUV Low Blue Light

- Service

**Service**

Front

- Features

**Operating System**

Tizen 6.5

**MagicINFO**

Yes

**Sensor**

Temperature, Eco Sensor

**Other**

AI Picture, LED HDR, HDR10/10+, Dynamic Peaking

**Other SW Features**

Workspace (Microsoft365/VMWare/RDP), Auto Source Switching & Recovery, Dicom Simulation Mode, SmartView+(PC)

- Connectivity / Sounds

**Controller**

Built-in

**Input (Video)**

DP 1.2 (1), HDMI 2.0 (3), USB 2.0 (2)

**Output**

Audio (Stereo mini Jack) / eARC

**WiFi / BT**

O / O

**External Control**

RS232C(in), RJ45

**Speaker**

10W 2ch

- Accessories

**Accessories**

Décor Frame, Frame Kit, Buffer parts (12 Modules, 1 T-Con, 1 SMPS)

**Remote Control**

IR Remote Controller

- Special Installation

**Other**

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

- Certification and Compliance

**Safety**

62368-1, 60950-1

**EMC**

Class A