

Physical Parameter

Physical Parameter data

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| Pixel Pitch | 0.84mm |
| Pixel Configuration | 1 red, 1 green, 1 blue |
| Configuration (LxH, per cabinet) | 3840x2160 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 ²) | 160 kg |

Optical Parameter

Optical Parameter data

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|--------------------------------------|--------------------------------------|
| Brightness (Peak/Max) ⁽¹⁾ | 1,600 nit / 500 nit |
| Contrast Ratio ⁽²⁾ | 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

Electrical Parameter

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|---|---------------------------|
| Video Rate | 50/60 Hz 100/120 (FRC) Hz |
| Cabinet - Input Power Range | 100~240 VAC, 50/60 Hz |
| Power consumption - Max | 1700 (W/Screen) |
| Power consumption - Typical | 1100 (W/Screen) |
| Heat generation – Max(BTU/m ² , BTU/cabinet) | 5800 (BTU/Screen) |
| Heat generation – Typical(BTU/m ² , BTU/cabinet) | 3753 (BTU/Screen) |
| Refresh rate | 3,840 Hz |
| Power Redundancy | No |

Operation Conditions

Operation Conditions data

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|--------------------------------|------------------------|
| 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

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|------------------|---------------------------------------|
| 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 | Yes / Yes |
| External Control | RS232C(in), RJ45 |
| Speaker | 10W 2ch |

Features

Features

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|-------------------|--|
| MagicINFO | Yes |
| Sensor | Temperature, Eco Sensor |
| Operating System | Tizen 6.5 |
| Other | AI Picture, LED HDR, HDR10, Dynamic Peaking |
| Other SW Features | Workspace, Auto Source Switching & Recovery, Dicom Simulation Mode, SmartView+(PC) |

Certification

Certification data

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

Service

Service data

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| Service | Front |
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Package

Package data

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|------------------------------|--------------------------|
| 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

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

Accessories data

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

Disclaimer

Disclaimer data

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|---------------------------------|---|
| 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 |