Specifications

<table-container>ParticleParticle9.000000000000000000000000000000000000</table-container>	Model Name		IE025R	IE040R
Image: Provide and the second of th	Physical Parameter	Pixel Pitch	2.5 mm	4.0 mm
PhysiolParameter Bold Type Surface Mout Device SM01 Surface Mout Device SM01 Deressions (m. Linkb, per able) 960540/295m 960540/295m Deressions (m. Linkb, per able) 6433 km h. 333 km h. Height (messions km, linkb, per able) 6433 km h. 333 km h. Bightmes (missions km, linkb, per able) 0.838 6433 km h. Bightmes (missions km, linkb, per able) 0.839 6433 km h. Bightmes (missions km, linkb, per able) 0.0001 0.0001 Optical Parameter 0.601 km h. 0.0001 Optical Parameter 0.601 km h. 0.0001 Bio Paris 0.0001 km h. 0.0001 Optical Parameter 0.0001 km h. 0.0001 Bio Paris 0.0001 km h. 0.00001 km h. Optical Parameter 0.0000 km h. 0.00000 km h. Bio Paris 0.00000 km h. 0.00000 km h. 0.00000 km h. Optical Parameter Able) 0.00000 km h. 0.00000 km h. 0.00000 km h. Bio Paris 0.00000 km h. 0.00000 km h. 0.00000 km h. Paris 0.00000 km h. 0.00000		Pixel Configuration	1 red, 1 green, 1 blue	1 red,1 green,1 blue
Intension (mt, MARD, per calive) 900-640/75/min 900-640/75/min Demosion (mt, MARD, per calive) 433 (mt, 333 (Configuration (LxH, per cabinet)	384x216 pixels	240x135 pixels
Immediate line (incluic), generation (inclu		Diode Type	Surface Mount Device (SMD)	Surface Mount Device (SMD)
IndexWeighteracheeIndiageBighteracheeBighterachee1,200 nit / 600 nitContract Raio (Typ)1,200 nit / 600 nit1,200 nit / 600 nitContract Raio (Typ)3,000 14,000 1Weing Angle - Horizontal1,60°1,60°Bit Dept - Vertical1,60°1,60°Bit Dept - Vertical1,60°1,60°Bit Dept - Vertical1,60°1,60°Bit Dept - Vertical1,60°1,60°Bit Dept - Vertical2,800 - 1,000K (see 5/800)2,800 - 1,000K (see 5/800)Color Imperature - Adjustable2,800 - 1,000K (see 5/800)2,800 - 1,000K (see 5/800)Color Imperature - Adjustable2,800 - 1,000K (see 5/800)2,800 - 1,000K (see 5/800)Pare Consumption - Spie1,00° - 2,00K (see 5/800)2,800 - 1,000K (see 5/800)Pare Consumption - Spie9,80% (m1/5) (SW (cabine)9,80% (m1/5) (SW (cabine)Pare Consumption - Spie9,80% (m1/5) (SW (cabine)9,80% (m1/5) (SW (cabine)Pare Consumption - Spie9,80% (m1/5) (SW (cabine)9,80% (m1/5) (SW (cabine)Pare Consumption - Spie9,80% (m1/5) (SW (cabine)9,80% (m1/5) (SW (cabine)Pare Consumption - Spie9,80% (m1/5) (SW (cabine)9,80% (m1/5) (SW (cabine)Pare Consumption - Spie9,80% (m1/5) (SW (cabine)9,80% (m1/5) (SW (cabine)Pare Consumption - Spie9,80% (m1/5) (SW (cabine)9,80% (m1/5) (SW (cabine)Pare Consumption - Spie9,80% (m1/5) (SW (cabine)9,80% (m1/5) (SW (cabine)Pare Consumption - Spie9,80% (m1/5) (SW (cabine)9,80% (m1		Dimensions (mm, LxHxD, per cabinet)	960x540x79.5mm	960x540x79.5mm
Biglitters (Peak/Mag)* 1_200 rt/.000 rt 1_200 rt/.000 rt Contrast Ratio (Typ) 3,000 1 4,000 1 Viewing Angle - Horizontal 1,60° 1,60° Viewing Angle - Horizontal 1,60° 1,60° Viewing Angle - Vertical 1,60° 1,60° Bit Depth 6,600 K 6,600 K Color Temperature - Default 6,500 K 6,500 K Color Temperature - Maint 2,500 O 10,000 K(see 5,600 O 2,800 - 10,000 K(see 5,600 O Color Temperature - Maint 2,500 O 10,000 K(see 5,600 O 2,800 - 10,000 K(see 5,600 O Pare Crossumption - Max 2,800 O 10,000 K(see 5,600 O 2,800 - 10,000 K(see 5,600 O Pare Crossumption - Max 3,800 H 3,800 H Pare Crossumption - Max 3,800 H 3,800 H Souge Temperature-Humidity 9,000 C - 4,00°C - 5,60°S MAH 0,000 C - 4,0°C - 5,60°S MA		Dimensions (inch, inchxD, per cabinet)	43.3 inch x 3.13 inch	43.3 inch x 3.13 inch
Optical ParameterContrast Ratio (typ)3,00014,0001Young Angle - YorkadalG160°Young Angle - YorkadalG160°BRDepthG160°Golar Imegenature - Adeuated4,500 K6,500 KGolar Imegenature - AdeuatedG3,500 FYoung Angle - YorkadalG3,500 FGolar Imegenature - AdeuatedG3,500 FYoung Angle - YorkadalG3,500 FYoung Angle - YorkadalG4,500 FYoung Angle - YorkadalG1,500 FYoung Angle - Yorkadal		Weight (per cabinet)	10.8kg	10.8kg
Verify daysWeing Angle - Netzonial10°10°Optical ParameterWeing Angle - Netzonial160°160°Bobph16bb per Color16bb per Color16bb per ColorColor Temperature - Default6000 (Kue S / BOX)2,8000 - 1000 (Kue S / BOX)Pare Fare - Adjustable2,8000 - 1000 (Kue S / BOX)2,8000 - 1000 (Kue S / BOX)Pare Fare - Adjustable2,8000 - 1000 (Kue S / BOX)3,8000 / EPare Fare - Adjustable2,8000 - 1000 (Kue S / BOX)3,8000 / EPare Fare - Adjustable2,8000 - 1000 (Kue S / BOX)3,8000 / EPare Fare - Adjustable2,8000 - 1000 (Kue S / BOX)3,8000 / EPare Fare - Adjustable9,8000 / E3,8000 / E3,8000 / EPare Fare - Adjustable9,8000 / E3,8000 / E3,8000 / EPare Fare - Adjustable9,8000 / E3,8000 / E3,8000 / EPare - Adjustable9,8000 / E1,8000 / E1,8000 / EPare - Adjustable1,8000 / E1,8000 / E1,8000 / EPare - Adjustable - Adjustable - Adjustab	Optical Parameter	Brightness (Peak/Max) ⁽¹⁾	1,200 nit / 600 nit	1,200 nit / 600 nit
Pytkal ParameterMewing Angle - Vertical160°BC bigthG(B)G(B)Glor Temperature - DefaultG(B)G(B)Golor Temperature - AdjustableG(B)G(B)Jedoe RateG(B)G(B)Buer Angle - AdjustableG(B)G(B)Pare AngeG(B)G(B)Pare AngeG(B)G(B)Pare AngeG(B)G(B)Pare Consumption - MaxG(B)G(B)Pare Consumption - Max<		Contrast Ratio (Typ)	3,000:1	4,000:1
BRDeph BRDeph Boblister Color Golor Remperature - Default GSOOK GSOOK Golor Remperature - Default GSOOK GSOOK Golor Remperature - Default GSOOK GSOOK Golor Remperature - Adjustable GSOOK/GSE S/BOX) QSOO-10,000K/GSE S/BOX Fuer Comperature - Adjustable GSOOK/GSE S/BOX QSOO-10,000K/GSE S/BOX Fuer Consumption - Max GSOOK GSOOK Power Consumption - Max QSOO 10,000K/GSE S/BOX QSOO 10,000K/GSE S/BOX Power Consumption - Max QSOO 10,000K/GSE S/BOX QSOO 10,000K/GSE S/BOX Power Consumption - Max QSOO 10,000K/GSE S/BOX QSOO 10,000K/GSE S/BOX Power Consumption - Max QSOO 10,000K/GSE S/BOX QSOO 10,000K/GSE S/BOX Power Consumption - Max (BTU/SF) PSOO 10,000K/GSE S/BOX QSOO 10,000K/GSE S/BOX Power Consumption - Max (BTU/SF) PSOO 10,000K/GSE S/BOX QSOO 10,000K/GSE S/BOX Power Consumption - Max (BTU/SF) PSOO 10,000K/GSE S/BOX QSOO 10,000K/GSE S/BOX Power Consumption - Max (BTU/SF) PSOO 10,000K/GSE S/BOX QSOO 10,000K/GSE S/BOX Power Consumption - Max (BTU/SF) PS		Viewing Angle - Horizontal	160°	160°
ColorTemperature - Default6,50K6,50KColorTemperature - Adjustable2,200 - 10,000K (use S/BOX)2,800 - 10,000K (use S/BOX)Veleo Rate2,800 - 10,000K (use S/BOX)2,800 - 10,000K (use S/BOX)Pater Consumption - Max50/60 Hz50/60 HzPower Consumption - Max2,897 (Wm?) / 50 (W/Cabinet)2,997 (Wm?) / 50 (W/Cabinet)Power Consumption - Max2,897 (Wm?) / 50 (W/Cabinet)2,997 (Wm?) / 50 (W/Cabinet)Power Consumption - Max2,897 (Wm?) / 50 (W/Cabinet)9,607 (Wm?) / 50 (W/Cabinet)Power Consumption - Max2,897 (Wm?) / 50 (W/Cabinet)9,607 (Wm?) / 50 (W/Cabinet)Power Consumption - Max2,897 (Wm?) / 50 (W/Cabinet)9,607 (Wm?) / 50 (W/Cabinet)Power Consumption - Max2,897 (Wm?) / 50 (W/Cabinet)9,607 (Wm?) / 50 (W/Cabinet)Power Consumption - Max3,840 Hz3,840 HzA feriesh Rate3,840 Hz3,840 HzStorage Temperature/Humidity0,07 - 40°C / 10-80% HI-0,07 - 40°C / 10-80% HIPoperationCondition100,000 hours100,000 hoursCertificationGenrie100,000 hours100,000 hoursServiceService0,1119x (SP)-2061119x (SP)-206PackageBox Volmension (mm, Lubh D)11,119x (SP)-2061119x (SP)-206PackageBox Volmension (mm, Lubh D)16,5kg16,5kgPackage Weight (kg.percabine)16,5kg16,5kg16,5kgForceKoneNANANA		Viewing Angle - Vertical	160°	160°
IndexQalor Tengenature AdjustabileQalor - 1,000K (use S/B0X)Qalor - 1,000K (use S/B0X)Velace RateS0/60 HzS0/60 HzS0/60 HzInd Power Range100-240 VAC, S0/60 Hz100-240 VAC, S0/60 HzPereformandeS290 (Wm/) / S0 (WCabinet)299 (Wm/) / S0 (WCabinet)Pereformande99 (Wm/) / S0 (WCabinet)96 (Wm/) / S0 (WCabinet)Pereformande90 (Wm/) / S0 (WCabinet)96 (Wm/) / S0 (WCabinet) <tr< td=""><td>Bit Depth</td><td>16bit per Color</td><td>16bit per Color</td></tr<>		Bit Depth	16bit per Color	16bit per Color
KideAteS0/60 HzS0/60 HzIpt Power Range0.00-240 VAC, 50/60 Hz0.00-240 VAC, 50/60 HzPower Gasumption - Max0.00-240 VAC, 50/60 Hz289(Wim) / 150(WCabinet)Power Gasumption - Type9.60 Wim) / 50(WCabinet)9.60 Wim) / 50(WCabinet)Power Gasumption - Type9.60 Wim) / 50(WCabinet)9.60 Wim) / 50(WCabinet)Power Gasumption - Type9.60 Wim) / 50(WCabinet)9.60 Wim) / 50(WCabinet)Power Gasumption - Type9.60 Wim) / 50(WCabinet)9.60 Wim) / 50(WCabinet)Power Gasumption - Type9.60 Wim) / 50(WCabinet)9.60 Wim) / 50(WCabinet)Power Gasumption - Type9.60 Wim) / 50(WCabinet)9.60 Wim) / 50(WCabinet)Power Gasumption - Type9.60 Wim) / 50(WCabinet)9.60 Wim) / 50(WCabinet)Power Gasumption - Type9.60 Wim) / 50(WCabinet)9.60 Wim) / 50(WCabinet)Power Gasumption - Type9.60 Wim) / 50(WCabinet)9.60 Wim) / 50(WCabinet)Power Gasumption - Type10.00 Wim / 10.00 Mours10.00 MoursPower Gasumption - Type10.10 Wim / 10.00 Mours10.10 Wim / 10.00 MoursPower Gasumption - Type10.11 Wim / 10.00 Mours10.11 Wim / 10.00 MoursPackage10.00 Mum / 10.00 Mum		Color Temperature - Default	6,500K	6,500K
Input Power RangeInput Power RangeInto-2d0 VAC, 50/60 HzInto-2d0 VAC, 50/60 HzPower Consumption - Max289 (Wmir)/150 (WCabinet)289 (Wmir)/150 (WCabinet)Power Consumption - Typ96 (Wmir)/50 (WCabinet)96 (Wmir)/150 (WCabinet)Heat Generation - Max (BTU/SF)96 (Wmir)/150 (WCabinet)96 (Wmir)/150 (WCabinet)Power Consumption - Typ96 (Wmir)/150 (WCabinet)96 (Wmir)/150 (WCabinet)Heat Generation - Max (BTU/SF)96 (Wmir)/150 (WCabinet)96 (Wmir)/150 (WCabinet)Power Consumption - Typ96 (Wmir)/150 (WCabinet)96 (Wmir		Color Temperature - Adjustable	2,800~10,000K (use S/BOX)	2,800 ~10,000K (use S/BOX)
Peter Langer and ParameterPower Consumption - Max289 (W/m ³)/150 (W/Cabinet)289 (W/m ³)/150 (W/Cabinet)Power Consumption - Typ96 (W/m ³)/50 (W/Cabinet)96 (W/m ³)/50 (W/Cabinet)Heat Generation - Max (BTU/SF)91.6 BTU/SF per hour91.6 BTU/SF per hourPomer Consumption - Typ91.6 BTU/SF per hour91.6 BTU/SF per hourRefresh Rate3,840 Hz0.6 C-40°C / 10-80% RHPoperation ConditionNorking Temperature/Humidity0°C-40°C / 10-80% RHPoperation ConditionStorage Temperature/Humidity0°C-40°C / 45°C / 5-95% RHPort Fighting1P20100,000 hoursIPRatingIP20100,000 hoursCertificationCertificationEMCClass A, Safety 60950-1ServiceServiceServiceFrontPackageBox Dimension (mm, LHHXD)1119x699x206PackageBox Volume (m ³)0.161PackageConcaveN/A	Electrical Parameter	Video Rate	50/60 Hz	50/60 Hz
Electrical Parameter Mover Consumption - Typ 96 (W/m ²) / 50 (W/cabinet) 96 (W/m ²) / 50 (W/cabinet) Heat Generation - Max (BTU/SF) 91.6 BTU/SF per hour 91.6 BTU/SF per hour 91.6 BTU/SF per hour Refresh Rate 3,840 Hz 3,840 Hz 3,840 Hz Morking Temperature/Humidity 0°C-40°C/10-80%RH 0°C-40°C/10-80%RH 0°C-40°C/10-80%RH Operation Condition 16 20 20°C-45°C / 5-95%RH 120 120 I Patring 100,000 hours 120 120 Certification Certification EM Class A, Safety 60950-1 EM Class A, Safety 60950-1 Service Service Front Front Front Package Moume (m ³) 0.161 0.161 Package Box Volume (m ³) 0.161 0.161 Package Concave N/A N/A		Input Power Range	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz
PowerConsumption-Typ96(W/m²)/50(W/Cabinet)96(W/m²)/50(W/Cabinet)Heat Generation -Max(BTU/SF)91.6 BTU/SF perhour91.6 BTU/SF perhourRefresh Rate3,840 Hz3,840 HzNorking Temperature/Humidity0°C-40°C/10-80%RH0°C-40°C/10-80%RHPoperation Codifie1000°C-40°C/10-80%RH0°C-40°C/10-80%RHPoperation Codifie1192011920Isorage Temperature/Humidity100,000 hours11920Porticationcertification100,000 hours100,000 hoursCertificationcertificationEMCClass A, Safety 60950-1EMCClass A, Safety 60950-1PackageServiceService1119/s699/2061119/s699/206Package Weight (kg, percabinet)0.1610.1610.161Forker Weight (kg, percabinet)16.5kg16.5kg16.5kgKoncaveKoncaveN/AN/AN/A		Power Consumption - Max	289 (W/m ²) / 150 (W/Cabinet)	289 (W/m²) / 150 (W/Cabinet)
Image: Problem in the system in the		Power Consumption - Typ	96 (W/m²) / 50 (W/Cabinet)	96 (W/m²) / 50 (W/Cabinet)
Morking Temperature/Humidity OPC-40°C/10-80%RH OPC-40°C/10-80%RH Poperation Condition Storage Temperature/Humidity -20°C-45°C/5-95%RH -20°C-45°C/5-95%RH Pating IP20 IP20 IP20 Certification Certification 100,000 hours 100,000 hours Service Service Service Front Front Package Box Dimension (mm, LxHxD) 1,119x699x206 1,119x699x206 Package Box Volume (m*) 0.61 0.61 Package Weight (kg, per cabinet) Toxica Morking Temperature/Humidity		Heat Generation - Max (BTU/SF)	91.6 BTU/SF per hour	91.6 BTU/SF perhour
Poperation ConditionStorage Temperature/Humidity-20°C-45°C/5-95%RH-20°C-45°C/5-95%RHIPA tingIPA IPAIPALED LifetimeIPAIPACertificationCertificationCertificationID0,000 hoursCertificationCertificationServiceServicePackageServiceFrontFrontPackage Weight (kg, per cabinet)OfficialOfficialConcaveOncaveN/AN/A		Refresh Rate	3,840 Hz	3,840 Hz
Pertain Conditions IPRating IP20 IP20 LED Lifetime 0100,000 hours 0100,000 hours Certification Certification EMC Class A, Safety 60950-1 EMC Class A, Safety 60950-1 Service Service Front Front Package Box Dimension (nm, LxHxD) 1/19x699x206 Package Weight (kg, per cabinet) 0.161 0.165 kg Concave N/A N/A	Operation Conditions	Working Temperature/Humidity	0°C~40°C/10~80%RH	0°C~40°C /10~80%RH
IPRating IPP20 IPRating IPP20 LED Lifetime 00000 hours Certification Certification Service Service Box Dimension (mm, LxHxD) IPP20 Package Box Volume (m*) Package Weight (kg, per cabinet) Concave Koncave N/A		Storage Temperature/Humidity	-20°C~45°C / 5~95%RH	-20°C~45°C/5~95%RH
Certification Certification EMC Class A, Safety 60950-1 Service Service Front Package Box Dimension (mm, LxHxD) 1,119x699x206 Package Weight (kg, per cabinet) 0.161 0.165kg Concave N/A N/A		IPRating	IP20	IP20
Service Service Front Box Dimension (mm, LxHxD) 1,119x699x206 1,119x699x206 Package Box Volume (m*) 0.161 0.161 Package Weight (kg, per cabinet) 16.5kg 16.5kg Concave N/A N/A		LED Lifetime	100,000 hours	100,000 hours
Box Dimension (mm, LxHxD) 1,119x699x206 1,119x699x206 Box Volume (m ³) 0.01 0.01 Package Weight (kg, per cabinet) 1.6.5kg 1.6.5kg Concave N/A N/A	Certification	Certification	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1
Package Box Volume (m³) 0.161 Package Weight (kg, per cabinet) 16.5kg 16.5kg Concave N/A N/A	Service	Service	Front	Front
Package Weight (kg, per cabinet) 16.5kg 16.5kg Concave N/A N/A	Package	Box Dimension (mm, LxHxD)	1,119x699x206	1,119x699x206
Concave N/A N/A		Box Volume (m ³)	0.161	0.161
		Package Weight (kg, per cabinet)	16.5kg	16.5kg
	Curve Installation	Concave	N/A	N/A
Convex N/A N/A		Convex	N/A	N/A

(1) Peak Value according to IDMS (Information Display Measurement Standard)

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SMART LED Signage

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2019-09



Samsung SMART LED Signage **IER Series**

Deliver compelling messages with excellent visibility and customizable design

With more businesses turning to LED signage for an enhanced customer experience, Samsung's IER series displays offer an ideal combination of superior picture quality and intuitive usability. IER Series captivates customers through industry-leading video processing technologies and High Dynamic Range (HDR) picture refinement, delivering clearer, more realistic and memorable content. Fine-tune uniformity and accurate color even in low brightness also always ensures enhanced image presentation. Hassle-free installation and flexible configuration options means any business can have an eye-catching display regardless of environmental constraints.

Highlights

- Cost-saving solution through easier installation and affordable price
- Support for various installation scenarios through flexible design
- LED HDR technology for clear, accurate picture presentation
- Factory and on-site calibration for fine-tuned, uniform images
- Convenient content and device management with MagicINFO

SAMSUNG



Key features



Easier, cost-saving installation

The IER series' new design features larger screen sizes and is lighter than previous models. This means easier installation and cost-savings since fewer cabinets are needed for the display, and fewer frame kits are required to mount the display to a wall.



Flexible design

The IER series' advanced design provides flexibility for any indoor retail or other business environment. With portrait and landscape orientation options, content can be displayed to meet the preferred layout for any store location.



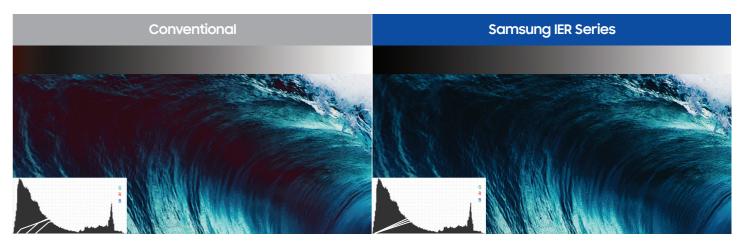
Clearly refined visuals

LED HDR leverages advanced refinement technologies for true-to-life picture presentation. Dynamic Peaking and Inverse Tone Mapping enhance content to optimum peak brightness levels with improved contrast and without shine, while in-depth Color Mapping ensures an accurate expression of colors.



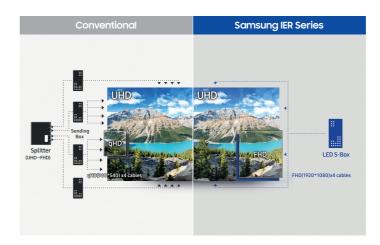
Fine-tuned uniformity

Rigorous factory calibration and real-time DSLR camera sub-pixel calibration fine-tune all sub-pixels for uniform brightness and color chromaticity. When coupled with the Samsung LED Signage Manager's advanced picture settings, this enhanced treatment produces excellent presentation.



Accurate color in low brightness arena

Conventional LED displays struggle to present red, green and blue color hues accurately in low grayscale settings. The IER series overcomes these challenges through a unique algorithm that maintains R/G/B gradation and delivers precise, detail-rich hues in low-brightness indoor environments.



Streamlined UHD content delivery

Samsung's compatible S-Box condenses the delivery of compelling content to a single, centralized device. The S-Box transmits UHD content across multiple IER series displays without requiring external boxes or splitters, helping businesses enjoy faster and more cost-efficient operations.



Manage content and devices anywhere

Compatibility with the MagicINFO platform enables IER series users to create, schedule and deploy content across an entire signage network. Users can monitor and adjust display settings and troubleshoot potential performance issues from any location via remote access.