



About Samsung

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions. For the latest news, please visit the Samsung Newsroom at <http://news.samsung.com>.

For more information

For more information about Samsung Display Solutions, visit www.samsung.com/business or www.samsung.com/displaysolutions

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2019-01

Samsung Display Solutions

Your Future. On Display.

SAMSUNG

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Solution

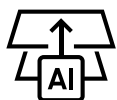
SSSP	34
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Specification

Model		IW008J (For Business)	IW008R (For Luxury Living)
Cabinet Size (W x H x D)		806.4 x 453.6 x 72.2 mm	806.4 x 453.5 x 29.9 mm
Cabinet Weight		12.5 kg	11.4 kg
Cabinet Resolution		960 x 540	960 x 540
Picture Quality	Processor	Kant-M2e	Quantum Processor Modular
	Brightness (Peak / Max)	1,600 / 500 nit	2,000 / 400 nit
	HDR	LED HDR / HDR10+Support	HDR10+Support
	Frame Rate	60 Hz	120 Hz
	Bit Depth	20 bit (Internal Processing)	20 bit (Internal Processing)
Smart Funtion		N/A	Wall UX (Entertainment Mode / Ambient Mode)
			Apps (Netflix, YouTube, etc.)
			Tablet Remote
			Bixby (Voice)
			SmartThings (IoT)
Features		MagicINFO, Eco-Image Enhancer, Ambient Light / Temperature Sensor	Infinity Design, Decor Frame, Optical Cable Connectivity
Certification		EMI Class B, Safety 60950 - 1	EMI Class B, Safety 60950 - 1

Features



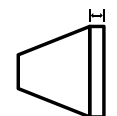
AI upscaling

The intuitive resolution-to-screen size adjustment capability.



HDR

Optimize picture quality scene-by-scene and allow for more precise imagery.



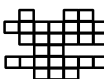
Slim design

A slim, bezel-less display, designed to be at one with its surroundings.



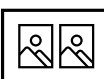
Perfect black & colors

Deliver the deepest expressions of black and true-to-life colors.



Modular technology

Allow customization to various sizes and shapes with picture perfect visuals.



Ambient mode

Blend The Wall seamlessly into any space.

* Some features may vary depending on models.

Size chart



292"					8K
255"					7K
219"					6K
182"					5K
146"					4K
	3.2x1.8m (10.6x6.0 ft)	4.0x2.3m (13.2x7.4 ft)	4.8x2.3m (13.2x7.4 ft)	4.8x2.7m (15.9x8.9 ft)	5.6x3.2m (18.5x10.4 ft)

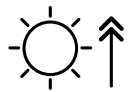
Indoor LED

Captivate indoor audiences through comprehensive display solutions

IFJ-E / IFH-E / IFJ / IFH / IF-D / IF-DL Series

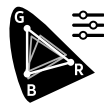


Features



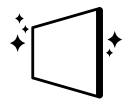
High brightness

Maintain optimal visibility in bright and dark environments



Color management

Preserve constant gradation of images, ensuring pictures are true-to-life



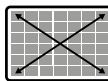
Advanced design

Expand display composition possibilities with various configurations



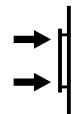
HDR

Optimize picture quality scene-by-scene and allow for more precise imagery



Fine-tune uniformity

Produce uniform brightness and color chromaticity



Catwalk space Free

Offer front access to critical signage components for clean installation

Line up

Category		Model	Pixel Pitch		
Mainstream pixel pitch	High brightness	IFH-DL	4.0 6.0 8.5		
	Mainstream	IFH-D	2.5 4.0 6.0		
Fine pixel pitch	High picture quality	IFJ/IFH	1.2 1.5 2.0 2.5		
	Entry	IFJ-E/IFH-E	1.2 1.5 2.5		

Specification

Model	IF012J-E	IF015H-E	IF025H-E	IF012J	IF015H	IF020H
Pixel Pitch	1.26 mm	1.5 mm	2.5 mm	1.26 mm	1.5 mm	2.0 mm
Diode Type	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)
Cabinet Size (LxHxD)	806.4x453.6x76.7 mm	480x540x65 mm	480x540x65 mm	806.4x453.6x76.7 mm	480x540x65 mm	480x540x65 mm
Cabinet Weight	11.8kg	5.8kg	5.8kg	11.8kg	5.8kg	5.8kg
Brightness (Peak/Max)*	1,200 nit / 600 nit	1,200 nit / 600 nit	2,000 nit / 1,000 nit	1,200 nit / 600 nit	1,600 nit / 800 nit	2,400 nit / 1,200 nit
Contrast Ratio (Peak/Max)*	8,000:1 / 4,000:1	10,000:1 / 5,000:1	10,000:1 / 5,000:1	8,000:1 / 4,000:1	10,000:1 / 5,000:1	10,000:1 / 5,000:1
Viewing Angle (H/V)	160°/160°	160°/160°	150°/150°	160°/160°	160°/160°	160°/160°
Certification	EMC Class B, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1
Service	Front** and Parts Rear***	Front and Rear	Front and Rear	Front** and Parts Rear***	Front and Rear	Front and Rear
Curve Installation	Concave	N/A	6000R	N/A	6000R	6000R
	Convex	N/A	N/A	N/A	N/A	N/A

Indoor LED

Captivate indoor audiences through comprehensive display solutions

LED S-Box

Transmit brilliant content across multiple LED displays from a single source

SBB-SNOWJAU

Specification

Model		IF025H	IF025H-D	IF040H-D	IF060H-D	IF040H-DL	IF060H-DL	IF085H-DL
Pixel Pitch		2.5 mm	2.5 mm	4.0 mm	6.0 mm	4.0 mm	6.0 mm	8.5 mm
Diode Type		Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)
Cabinet Size (LxHxD)		480x540x65 mm	480x720x65 mm	480x720x65 mm	480x720x65 mm	480x720x65 mm	480x720x65 mm	480x720x65 mm
Cabinet Weight		5.8kg	74kg	74kg	74kg	74kg	74kg	74kg
Brightness (Peak/Max)*		2,400 nit / 1,200 nit	2,400 nit / 1,200 nit	1,700 nit / 1,200 nit	1,800 nit / 1,200 nit	3,200 nit / 2,000 nit	3,400 nit / 2,000 nit	3,400 nit / 2,000 nit
Contrast Ratio (Peak/Max)*		10,000:1 / 5,000:1	10,000:1 / 5,000:1	7,000:1 / 5,000:1	7,500:1 / 5,000:1	8,000:1 / 5,000:1	8,000:1 / 5,000:1	8,000:1 / 5,000:1
Viewing Angle (H/V)		160°/160°	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°	160°/160°
Certification		EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1
Service		Front and Rear	Front** and Parts Rear***	Front** and Parts Rear***	Front** and Parts Rear***	Front** and Parts Rear***	Front** and Parts Rear***	Front** and Parts Rear***
Curve Installation	Concave	6000R	6000R	6000R	6000R	6000R	6000R	6000R
	Convex	N/A	N/A	6000R	6000R	6000R	6000R	6000R

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

** Front Service: Front Service to Power Supply/Main Board on a cabinet level

*** Parts Rear Service: Power Supply/Main Board can be accessed from the rear

Design



Specification

Model		SBB-SNOWJAU
Feature	Resolution	3840 x 2160
	S/W Platform	Tizen 4.0
	Log Function	Supported
	Image Quality Enhancing	LED HDR (Inverse Tone Mapping, Dynamic Peaking, Color Mapping), HDR10/10+, DRE (Dynamic Range Expansion), Low Latency (for Live Mode), Dimming (for Semi Indoor)
	Diagnostics	Supported
	Ethernet	Supported
	Input Signal	DP1.4, HDMI 2.0 port x 2, USB
	Output Signal	DVI, HDBT, SPDIF (Audio, 5.1ch)
	MagicINFO Solution	Supported (CMS/Diagnostics)
	Bit-depth	16 bit (RGB 4:4:4)
	Refresh Rate	50/60 Hz
	Etc	External IR, NOC Supported, IPv6, AV Sync
Power	Power Consumption (Max)	66W
	Power Consumption (Typical)	60W
Operation	Working Temperature	0°C~40°C (32°F to 104°F)
	Operation Humidity	10% ~ 80%
Mechanical Spec	Set Dimension (without Stand)	440.0 x 46.0 x 271.8 mm
	Set Weight (without Stand)	2.8 kg



Features



QLED composition

Achieve exceptional picture quality through a quantum dot composition.



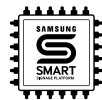
100% color volume*

Bring even the most subtle visual details.



HDR

Deliver any content at HDR quality with sharp contrast.



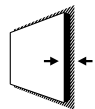
Embedded media player

Boost overall display performance.



No burn-in

Provide a vibrant picture even after long periods of time.



No gap wall mount**

Eliminate a common source of visual distraction and conserve valuable space.

* QLED Signage has received verification from world-class testing and certification association, Verband Deutscher Elektrotechniker (VDE), for its ability to produce 100 percent color volume.
** Measured from rear end of the TV, the gap may differ based on the installation and wall type.

Specification

Model		QH55H	QH65H
Panel	Screen Size	55"	65"
	Resolution	3840x2160 (16:9)	3840x2160 (16:9)
	Brightness(Typ.)	Landscape: 600nit (peak 1,500nit), Portrait: 500nit (peak 1,000nit)	Landscape: 600nit (peak 1,500nit), Portrait: 500nit (peak 1,000nit)
	Operation Hour	16/7	16/7
	Haze	0%	0%
Connectivity	INPUT	RGB	Display Port 1.2 (1)
		VIDEO	HDMI 2.0 (2)
		HDCP	HDCP2.2
		AUDIO	N/A
		USB	USB 2.0 x 2
	OUTPUT	RGB	N/A
		VIDEO	N/A
		AUDIO	HDMI #1 ARC support
		PowerOut	N/A
		USB	N/A
	EXTERNAL CONTROL		RS232C(in/out), RJ45
	EXTERNAL SENSOR		N/A
	Tuner		N/A
Feature	Operating System		Tizen 3.0
	S/W		Built-in MagicInfo S5, SSSP 5.0
	IP Rating		X



Features



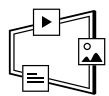
Intelligent UHD

Transform any content to UHD-level quality.



Intelligent HDR+

Convert standard SDR content to HDR images.



Intelligent picture mode

Optimize text and imagery with crisp and fine details.



Embedded media player

Boost overall display performance.



Secured by KNOX

Enhance data protection through rigid 3-layer security platform.



Centralized management

Manage entire content and devices from any location.

Specification

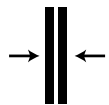
Model		QB43N	QB49N	QB55N	QB65N	QB75N
Panel	Screen Size	43"	49"	55"	65"	75"
	Resolution	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)
	Brightness(Typ.)	350nit	350nit	350nit	350nit	350nit
	Operation Hour	16/7	16/7	16/7	16/7	16/7
Connectivity	Haze	0%	2%	2%	2%	2%
	INPUT	DVI-D, HDMI 2.0 (2), HDCP 2.2, Stereo Mini Jack, DVI/HDMI/Audio(Common), USB 2.0 (2), RS232C, RJ45	DVI-D, HDMI 2.0 (2), HDCP 2.2, Stereo Mini Jack, DVI/HDMI/Audio(Common), USB 2.0 (2), RS232C, RJ45	DVI-D, HDMI 2.0 (2), HDCP 2.2, Stereo Mini Jack, DVI/HDMI/Audio(Common), USB 2.0 (2), RS232C, RJ45	DVI-D, HDMI 2.0 (2), HDCP 2.2, Stereo Mini Jack, DVI/HDMI/Audio(Common), USB 2.0 (2), RS232C, RJ45	DVI-D, HDMI 2.0 (2), HDCP 2.2, Stereo Mini Jack, DVI/HDMI/Audio(Common), USB 2.0 (2), RS232C, RJ45
	OUTPUT	Stereo Mini Jack, RS232C	Stereo Mini Jack, RS232C	Stereo Mini Jack, RS232C	Stereo Mini Jack, RS232C	Stereo Mini Jack, RS232C
Feature	Operating System	Tizen 4.0	Tizen 4.0	Tizen 4.0	Tizen 4.0	Tizen 4.0
	S/W	Built-in MagicInfo S6, SSSP 6.0	Built-in MagicInfo S6, SSSP 6.0	Built-in MagicInfo S6, SSSP 6.0	Built-in MagicInfo S6, SSSP 6.0	Built-in MagicInfo S6, SSSP 6.0
	IP Rating	IP5x	IP5x	IP5x	IP5x	IP5x

Model		QM43N	QM49N	QM55N	QM65N
Panel	Screen Size	43"	49"	55"	65"
	Resolution	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)
	Brightness(Typ.)	500nit	500nit	500nit	500nit
	Operation Hour	24/7	24/7	24/7	24/7
Connectivity	Haze	44%	25%	25%	44%
	INPUT	DVI-D, Display Port 1.2 (1), HDMI 2.0 (2), HDCP2.2, Stereo mini Jack, DVI, HDMI, USB 2.0 (2), RS232C, RJ45	DVI-D, Display Port 1.2 (1), HDMI 2.0 (2), HDCP2.2, Stereo mini Jack, DVI, HDMI, USB 2.0 (2), RS232C, RJ45	DVI-D, Display Port 1.2 (1), HDMI 2.0 (2), HDCP2.2, Stereo mini Jack, DVI, HDMI, USB 2.0 (2), RS232C, RJ45	DVI-D, Display Port 1.2 (1), HDMI 2.0 (2), HDCP2.2, Stereo mini Jack, DVI, HDMI, USB 2.0 (2), RS232C, RJ45
	OUTPUT	HDMI 2.0 (Loop-out), Stereo mini Jack, RS232C	HDMI 2.0 (Loop-out), Stereo mini Jack, RS232C	HDMI 2.0 (Loop-out), Stereo mini Jack, RS232C	HDMI 2.0 (Loop-out), Stereo mini Jack, RS232C
Feature	Operating System	Tizen 4.0	Tizen 4.0	Tizen 4.0	Tizen 4.0
	S/W	Built-in MagicInfo S6, SSSP 6.0	Built-in MagicInfo S6, SSSP 6.0	Built-in MagicInfo S6, SSSP 6.0	Built-in MagicInfo S6, SSSP 6.0
	IP Rating	IP5x	IP5x	IP5x	IP5x

Model		QM75N	QM85N	QM98N	QE82N
Panel	Screen Size	75"	85"	98"	82"
	Resolution	UHD (3840 x 2160)	3840 x 2160 (16:9)	3840 x 2160 (16:9)	UHD (3840 x 2160)
	Brightness(Typ.)	500nit	500nit	500nit	300nit
	Operation Hour	24/7	24/7	24/7	16/7
Connectivity	Haze	44%	44%	25%	2%
	INPUT	DVI-D, Display Port 1.2 (1), HDMI 2.0 (2), HDCP2.2, Stereo mini Jack, DVI, HDMI, USB 2.0 (2), RS232C, RJ45	DVI-D, Display Port 1.2 (1), HDMI 2.0 (2), HDCP2.2, Stereo mini Jack, DVI, HDMI, USB 2.0 (2), RS232C, RJ45	DVI-D, Display Port 1.2 (1), HDMI 2.0 (2), HDCP2.2, Stereo mini Jack, DVI, HDMI, USB 2.0 (2), RS232C, RJ45	DVI-D, HDMI 2.0 (2), HDCP 2.2, Stereo Mini Jack, DVI/HDMI/Audio(Common), USB 2.0 (2), RS232C, RJ45
	OUTPUT	HDMI 2.0 (Loop-out), Stereo mini Jack, RS232C	HDMI 2.0 (Loop-out), Stereo mini Jack, RS232C	HDMI 2.0 (Loop-out), Stereo mini Jack, RS232C	Stereo Mini Jack, RS232C
Feature	Operating System	Tizen 4.0	Tizen 4.0	Tizen 4.0	Tizen 4.0
	S/W	Built-in MagicInfo S6, SSSP 6.0	Built-in MagicInfo S6, SSSP 6.0	Built-in MagicInfo S6, SSSP 6.0	Built-in MagicInfo S6, SSSP 6.0
	IP Rating	IP5x	X	X	X



Features

**Slim depth**

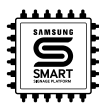
Maintain a stylish and captivating design with slim depth.

**IP5X rating**

Withstand a range of environmental conditions, such as dust*.

**Centralized management**

Manage entire content and devices from any location.

**Embedded media player**

Boost overall display performance.

**Non-glare**

Discover heightened image visibility and information readability under light.

**Center IR**

Ensure easier and more flexible user control.

* Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment.

Specification

Model		PM43H	PM49H	PM55H
Panel	Screen Size	43"	49"	55"
	Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)
	Brightness(Typ.)	500nit	500nit	500nit
	Operation Hour	24/7	24/7	24/7
	Haze	44%	25%	25%
Connectivity	INPUT	RGB	DVI-I(D-Sub Common), Display Port 1.2 (2)	DVI-I(D-Sub Common), Display Port 1.2 (2)
		VIDEO	HDMI 2.0 (2) / HDCP 2.2	HDMI 2.0 (2) / HDCP 2.2
		HDCP	HDCP2.2	HDCP2.2
		AUDIO	Stereo mini Jack, RGB/DVI/HDMI	Stereo mini Jack, RGB/DVI/HDMI
		USB	USB 2.0 x 2	USB 2.0 x 2
	OUTPUT	RGB	DP1.2 (Loop-out)	DP1.2 (Loop-out)
		VIDEO	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack
		Power Out	N/A	N/A
		USB	N/A	N/A
		EXTERNAL CONTROL	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45
		EXTERNAL SENSOR	N/A	N/A
		Tuner	N/A	N/A
Feature	Operating System	Tizen 2.4	Tizen 2.4	Tizen 2.4
	S/W	Built-in MagicInfo S4, SSSP 4.0	Built-in MagicInfo S4, SSSP 4.0	Built-in MagicInfo S4, SSSP 4.0
	IP Rating	IP5x	IP5x	IP5x



Features



High visibility

Amplify any type of content with high brightness and contrast ratio.



24/7 operation

Allow for consistent content delivery with 24/7 operation.



High durability

Endure external impacts through IK10-rated Magic Protection Glass.



All-in-one design

Designed with a sleek and strong built-in control box and network core.



Cooling system

Include non-filter cooling system that is also energy efficient.



IP56 Rating

Perform in any outdoor setting, including dust* and humidity.

* Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment.

Specification

Model			OH46F	OH55F	OH75F	OH85F	OH85N	OH85N-D
Panel	Screen Size		46"	55"	75"	85"	85"	85"
	Resolution		1920 x1080 (16:9)	1920 x1080 (16:9)	1920 x1080 (16:9)	3840 x 2160 (16:9)	3840 x 2160 (16:9)	3840 x 2160 (16:9)
	Brightness(Typ.)		3,000nit	2,500nit	2,500nit	2,500nit	3,300 nit (w/o glass)	3,300 nit (w/o glass)
	Contrast Ratio		5,000:1	4,000:1	5,000:1	3,000:1	3,000:1	3,000:1
	Operation Hour		24/7	24/7	24/7	24/7	24/7	24/7
Connectivity	INPUT	RGB	N/A	N/A	N/A	DP1.2 (2) @UHD 60Hz	DP1.2	DP1.2 (2)
		VIDEO	HDMI1.4 (2), HDBaseT(LAN Common)	HDMI1.4 (2), HDBaseT(LAN Common)	HDMI1.4 (2), HDBaseT(LAN Common)	HDMI1.4 (2) @UHD 30Hz, HDBaseT	HDMI 2.0 (2)	HDMI 2.0 (4)
		HDCP	HDCP2.2	HDCP2.2	HDCP2.2	HDCP1.4	HDCP2.2	HDCP2.2
		AUDIO	N/A	N/A	N/A	N/A	N/A	N/A
		USB	USB (1)	USB (1)	USB 2.0 (1)	USB 2.0 (1) (only for FW update)	USB 2.0 (1)	USB 2.0 (2)
		RGB	N/A	N/A	N/A	N/A	N/A	N/A
		VIDEO	N/A	N/A	N/A	N/A	N/A	N/A
		AUDIO	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack
		Power Out	N/A	N/A	N/A	N/A	N/A	N/A
		USB	N/A	N/A	N/A	N/A	N/A	N/A
	EXTERNAL CONTROL		RS232C (In/Out), RJ45(In/Out), HDBaseT	RS232C (In/Out), RJ45(In/Out), HDBaseT	RS232C (In), RJ45, HDBaseT	RS232C (In), RJ45, HDBaseT	RS232C (In), RJ45 (In)	RS232C (In), RJ45 (In)
	EXTERNAL SENSOR		N/A	N/A	N/A	N/A	N/A	N/A
	Tuner		N/A	N/A	N/A	N/A	N/A	N/A
Feature	IP Rating		IP56	IP56	IP56	IP56	IP56	IP56
	S/W		Built-in MagicInfo Player S4, SSSP 4.0	Built-in MagicInfo Player S4, SSSP 4.0	Built-in MagicInfo Player S4, SSSP 4.0	N/A	Built-in MagicInfo Player S4, SSSP 4.0	Built-in MagicInfo Player S4, SSSP 4.0

Semi-outdoor

Promote content with exceptional clarity in any storefront window

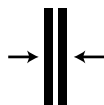


Features



High visibility

Amplify any type of content with high brightness and contrast ratio.



Slim depth

Maintain a stylish and captivating design with slim depth.



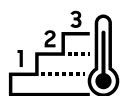
Energy efficiency

Consume less power, allowing greater control over costs.



IP5X rating

Withstand a range of environmental conditions, such as dust**.



Overheat protection

Prevent damage from overheating through 3-step protection system.



Built-in Wi-Fi

Support easier content management.

* Some features may vary depending on models.

** Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment.

Specification

Model		OM32H	OM46N	OM55N	OM46N-D	OM55N-D
Panel	Screen Size	32"	46"	55"	46"	55"
	Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)
	Brightness(Typ.)	1,000 nit	4,000 nit	4,000 nit	3,000 / 1,000 nit	3,000 / 1,000 nit
	Contrast Ratio	3,000:1	5,000:1	4,000:1	5,000:1	4,000:1
	Operation Hour	16/7	24/7	24/7	24/7	24/7
Connectivity	INPUT	RGB	Display Port (1)	Display Port 1.2 (1)	Display Port 1.2 (1)	N/A
		VIDEO	HDMI (2)	HDMI2.0 (2)	HDMI2.0 (2)	HDMI2.0 (2)
		HDCP	HDCP 2.2	HDCP 2.2	HDCP 2.2	HDCP 2.2
		AUDIO	N/A	N/A	N/A	N/A
		USB	USB (1)	USB 2.0 (1)	USB 2.0 (2)	USB 2.0 (1)
	OUTPUT	RGB	DP1.2 (Daisy Chain)	HDMI 2.0	HDMI 2.0	N/A
		VIDEO	Yes	Yes	Yes	N/A
		AUDIO	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	N/A
		Power Out	N/A	N/A	N/A	N/A
		USB	N/A	N/A	N/A	N/A
	EXTERNAL CONTROL	RS232C (In/Out), RJ45 (In/Out), HDBaseT (In)	RS232C (In/Out), RJ45 (In/Out)	RS232C (In/Out), RJ45 (In/Out)	RS232C (In), RJ45 (In)	RS232C (In), RJ45 (In)
	EXTERNAL SENSOR	Detachable Type (IR)	Detachable Type (IR, Ambient)	Detachable Type (IR, Ambient)	Detachable Type (IR, Ambient)	Detachable Type (IR, Ambient)
	Tuner	N/A	N/A	N/A	N/A	N/A
Feature	IP Rating	N/A	IP5x	IP5x	IP5x	IP5x
	S/W	MagicInfo Player S4, SSSP 4.0	Built-in MagicInfo Player S6, SSSP 6.0	Built-in MagicInfo Player S6, SSSP 6.0	Built-in MagicInfo Player S6, SSSP 6.0	Built-in MagicInfo Player S6, SSSP 6.0

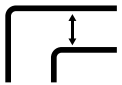
Video wall display

Foster an immersive, near-seamless viewing experience

UHF-E / UHN-E / UMH-E / UMN-E / UDE-A
/ UDE-B / UHF5 / VMR-U Series

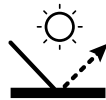


Features



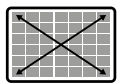
Narrow bezel

Yield a seamless picture across multiple screens.



Non-glare

Discover heightened image visibility and information readability under light.



Enhanced uniformity

High-performing uniform brightness and color throughout multiple displays.



Mobile calibration

Provide a quick and easy video wall calibration through a mobile camera.



Easy installation

Ensure easy installation with the user-friendly special wall mounts.



ISTA-certified package

Ensure safer delivery with new package tested in ISTA-certified laboratory.

Line up

Brightness	Super narrow bezel (5.5mm)	Ultra narrow bezel (3.5mm)	Extreme narrow bezel (1.7mm)
700nit	UHF5 46"	UDE-A 46" UDE-A 55"	UHN-E 46" UHF-E 55"
500nit		UDE-B 46" UDE-B 55" VMR-U* 46"	UMN-E 46" UMH-E 55"

* SoC-embedded model

Specification

Model		UH46F5	UD46E-B	UD55E-B	UD46E-A	UD55E-A
Bezel	B-to-B	5.5mm	3.5mm	3.5mm	3.5mm	3.5mm
	Bezel Width	3.4mm(U/L), 2.0mm(R/B)	2.3mm(U/L), 1.2mm(R/B)	2.3mm(U/L), 1.2mm(R/B)	2.3mm(U/L), 1.2mm(R/B)	2.3mm(U/L), 1.2mm(R/B)
Panel	Screen Size	46"	46"	55"	46"	55"
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Brightness(Typ.)	Max 700 nit	Max 500 nit	Max 500 nit	Max 700 nit	Max 700 nit
	Operation Hour	24/7	24/7	24/7	24/7	24/7
Connectivity	Haze		11%	25% (Outer Haze 23%)	25% (Outer Haze 23%)	25% (Outer Haze 23%)
	INPUT	RGB	DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP 2.2	HDCP 2.2	HDCP 2.2	HDCP 2.2
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		USB	Only F/W upgrade	Only F/W upgrade	Only F/W upgrade	Only F/W upgrade
	OUTPUT	RGB	DP1.2 (Loop-out)	DP1.2 (Loop-out)	DP1.2 (Loop-out)	DP1.2 (Loop-out)
		VIDEO	N/A	N/A	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		Power Out	N/A	N/A	N/A	N/A
	EXTERNAL CONTROL	RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45
	EXTERNAL SENSOR	Detachable type (IR)	Detachable type (IR, Ambient)	Detachable type (IR, Ambient)	Detachable type (IR, Ambient)	Detachable type (IR, Ambient)
Feature	Operating System	N/A	N/A	N/A	N/A	N/A

Video wall display

Foster an immersive, near-seamless viewing experience

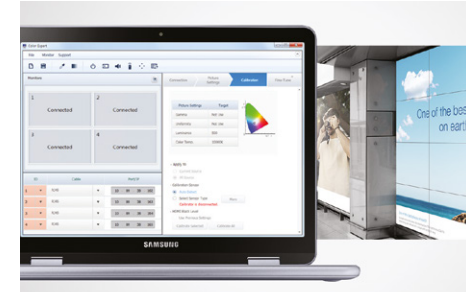
Specification

Model		UM46N-E	UM55H-E	UH46N-E	UH55F-E	VM46R-U
Bezel	B-to-B	1.7mm	1.7mm	1.7mm	1.7mm	3.5mm
	Bezel Width	1.15mm(U/L), 0.55mm(R/B)	1.15mm(U/L), 0.55mm(R/B)	1.15mm(U/L), 0.55mm(R/B)	1.15mm(U/L), 0.55mm(R/B)	2.3mm(U/L), 1.2mm(R/B)
Panel	Screen Size	46"	55"	46"	55"	46"
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Brightness(Typ.)	Max 500 nit	Max 500 nit	Max 700 nit	Max 700 nit	Max 500 nit
	Operation Hour	24/7	24/7	24/7	24/7	24/7
	Haze	25% (Outer Haze 23%)	25% (Outer Haze 23%)	25% (Outer Haze 23%)	25% (Outer Haze 23%)	25% (Outer Haze 23%)
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2	Analog D-SUB, DVI-D, Display Port 1.2	Display Port 1.2
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP 2.2	HDCP 2.2	HDCP 2.2	HDCP 2.2
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	N/A
		USB	Only F/W upgrade	Only F/W upgrade	Only F/W upgrade	Only F/W upgrade
	OUTPUT	RGB	DP1.2 (Loop-out)	DP1.2 (Loop-out)	DP1.2 (Loop-out)	HDMI 2.0 (Loop-out)
		VIDEO	N/A	N/A	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack	Stereo mini Jack
		Power Out	N/A	N/A	N/A	N/A
	EXTERNAL CONTROL	RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45
	EXTERNAL SENSOR	Detachable type (IR, Ambient)	Detachable type (IR, Ambient)	Detachable type (IR, Ambient)	Detachable type (IR, Ambient)	Detachable type (IR)
Feature	Operating System	N/A	N/A	N/A	N/A	Tizen 4.0

Color Expert Pro

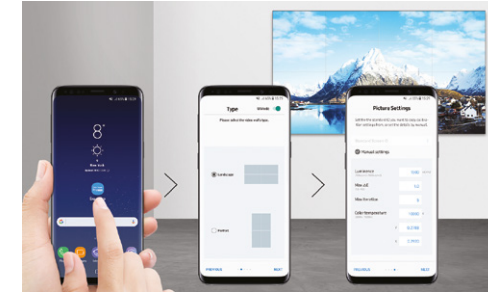
Industry-leading calibration technology for large-scale video walls

Types



Color Expert Pro

PC software, a complete, detailed and accurate calibration.



Color Expert Pro Mobile

Mobile application, rapid, convenient calibration on-the-go.

Which solution fits your needs?

Model	Color Expert Pro	Color Expert Pro <small>Mobile</small>
Technology type	- PC software using calibrator - Calibration with ACM chipset	- Mobile application through wireless sensor - Use embedded camera as calibrator
Benefits	Precise calibration, customized setting	Quick & easy, cost saving
Calibration feature	White balance / Gamma correction / Local Uniformity	White balance
How to calibrate	Calibrate one by one and connect up to 15 x 15 with daisy chain loop out	Calibrate 5 x 5 sets at once and extend to bigger size by overlapping calibration area
Calibration duration* (2x2 sets)	6 min	1 min

* White balance calibration only



Features



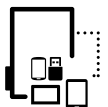
UHD resolution

Maintain brilliant UHD picture quality regardless of annotation size or style.



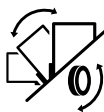
Touch

Foster a smooth, natural writing experience.



Versatile connectivity

Ensure smooth synchronization with personal devices.



Design

Portable, wheel-based stand + Portrait/landscape configuration.



Capture

Capture and save new ideas for later use.



Sharing Via Email, network server

Simplify the often-tedious meeting recap process.

Specification

Model			WM55H
Panel	Screen Size		55"
	Resolution		3,840 x 2,160 (Landscape) / 2,160 x 3,840 (Portrait)
	Brightness(Typ.)		300 nit (without glass), 220 nit (with glass)
Touch	Type		InGlass Touch
	# of Drawing		4 drawing
	Touch Pen Type		Passive Pen
	Object Recognition Range		2mm/ 4mm / 8mm / 50mm
	Touch Response Time		38ms ~ 46ms (According to number of Multi Drawing)
Connectivity	INPUT	VIDEO	HDMI 1
		AUDIO	-
		USB	USB 2 (ver 2.0x2, Side 1, Sensor Assy 1)
	OUTPUT	Touch Out	Touch Out 1 (Side, USB Upstream Type)
	INTERNAL SENSOR		NFC, Acceleration sensor, Proximity Sensor
	EXTERNAL CONTROL		Touch Input RJ45 (not for User Control)
Feature	Operating System		Tizen 3.0
	S/W		Flip S/W
	Storage		8GB (2.65GB Occupied by O/S, 5.35GB Available)
	Remark		Moving stand with advanced pivot



Features



Smooth & Fast touch

Provide a smooth, fully-functional digital writing experience.



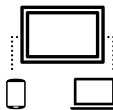
Multi-writing

Allow simultaneous notations by up to four different participants.



Remote workspace

Share and revise content from connected personal devices.



Interactive collaboration

Quickly alternate between multiple screen sources in just a few quick touches.



PC-less solution

PCs are no longer required in meetings.



Secured by KNOX

Enhance data protection through rigid 3-layer security platform.

Specification

Model		QB65H-TR	QB75H-TR
Panel	Screen Size	65"	75"
	Resolution	3,840 x 2,160	3,840 x 2,160
	Brightness(Typ.)	300nit (w/o Touch Glass)	300nit (w/o Touch Glass)
Touch	Type	IR Touch	IR Touch
	# of Drawing	4 drawing (SoC), 10 drawing (External Windows PC)	4 drawing (SoC), 10 drawing (External Windows PC)
	Touch Pen Type	Passive Pen	Passive Pen
	Object Recognition Range	8mm	8mm
	Touch Response Time	7ms	7ms
Connectivity	INPUT	VIDEO	HDMI Rear1, HDMI Rear2 (ver 2.0), HDMI Front3 (ver1.4), DVI-D, DP
		AUDIO	-
		USB	USB 1, 2 (Rear), USB 3 (Front), PC USB (Front)
	OUTPUT	AUDIO	Audio
		Touch Out	Touch Out1 (Rear), Touch Out2 (Front)
	EXTERNAL	CONTROL	RS232C (in/out) thru stereo jack, RJ45, Wi-Fi
		SENSOR	IR Sensor (Display Control)
Feature	Operating System		Tizen 3.0
	S/W		MagiCWB S5

Touch display

Achieve compelling customer engagement through all-in-one touch display



Features



Seamless touch

Foster a comfortable, easy-to-navigate digital writing experience.



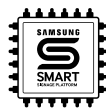
Multi-touch

Accommodate 10 unique touch points.



Non-glare

Discover heightened image visibility and information readability under light.



Embedded media player

Boost overall display performance.



High reliability

Empower uninterrupted message delivery, resistant to dust or sunlight.



Center IR

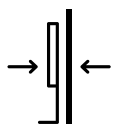
Ensure easier and more flexible user control.

Specification

Model		PM32F-BC	PM43F-BC	PM55F-BC
Panel	Screen Size	32"	43"	55"
	Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)
	Brightness(Typ.)	300nit (w/ Touch Glass)	350nit (w/ Touch Glass)	400nit (w/ Touch Glass)
Touch	Type	Capacitive touch	Capacitive touch	Capacitive touch
	Touch	10 touch	10 touch	10 touch
Connectivity	INPUT	RGB	DVI-I (D-Sub Common), Display Port 1.2 (1)	DVI-I (D-Sub Common), Display Port 1.2 (1)
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)
		HDCP	HDCP 2.2	HDCP 2.2
		AUDIO	Stereo mini Jack, RGB/DVI/HDMI	Stereo mini Jack, RGB/DVI/HDMI
		USB	USB 2.0 x 2 (1 Used for Touch)	USB 2.0 x 2 (1 Used for Touch)
	OUTPUT	RGB	DP1.2 (Loop-out)	DP1.2 (Loop-out)
		VIDEO	N/A	N/A
		AUDIO	Stereo mini Jack	Stereo mini Jack
		PowerOut	N/A	N/A
		USB	USB Type-B x 2 (Touch Sensor Data, PC1 / SoC1)	USB Type-B x 2 (Touch Sensor Data, PC1 / SoC1)
	EXTERNAL CONTROL	RS232C (In/Out) thru Stereo Jack, RJ45	RS232C (In/Out) thru Stereo Jack, RJ45	RS232C (In/Out) thru Stereo Jack, RJ45
	EXTERNAL SENSOR	N/A	N/A	N/A
	Tuner	N/A	N/A	N/A
Feature	Operating System	Tizen 2.4 (VDLinux)	-	-
	S/W	Built-in MagicInfo S4, SSSP 4.0	Built-in MagicInfo S4, SSSP 4.0	Built-in MagicInfo S4, SSSP 4.0

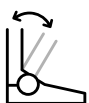


Features



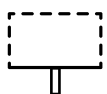
No-gap design

Push back to sit flat against a back wall and leave your entire work surface clear.



Robust hinge

Assure smooth and precise screen positioning.



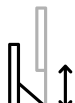
Sleek design

Offer an understated stylish solution for any workplace or home interior.



Clamp-type stand

Ensure quick and easy installation.



Zero-level HAS

Allow easy positioning of the screen for optimum comfort and convenience.



Y-cable structure

Prevent tangling and keep your workspace clear and free from clutter.

Specification

Model		27" QHD (S27R750)	32" UHD (S32R750)
Display	Screen Size (Class)	27"	32"
	Brightness	250 nit	250 nit
	Contrast Ratio	3,000:1	2,500:1
	Resolution	2560 x 1440	3840 x 2160
	Response Time	4ms (GTG)	4ms (GTG)
	Refresh Rate	144 Hz	60 Hz
	Viewing Angle (H/V)	178°(H)/178°(V)	178°(H)/178°(V)
Feature		Samsung MagicBright, Samsung MagicUpscale, Game Mode, Image Size, Eco Saving Plus, Eye Saver Mode, Flicker Free, PIP, PBP, Easy Setting Box, Off Timer Plus, Windows10	
Interface		1x HDMI (2.0), 1x mini DP	1x HDMI (2.0), 1x mini DP
Design	Color	Black	Black
	Bezel	3-sided Bezel-less	3-sided Bezel-less
	Stand Type	Dual Hinge	Dual Hinge
	HAS	0~213.9mm	0~184.7mm
	Ergonomics	Tilt	Tilt
Power	Type	External Adaptor	External Adaptor
Accessory	Cables	Y Cable (HDMI, Power adaptor), Quick Setup Guide	Y Cable (HDMI, Power adaptor), Quick Setup Guide
Dimension	Set Dimension with Stand (WxHxD)	614.8 x 730.3 x 115.5	714.5 x 757.2 x 115.5
	Set Dimension without Stand (WxHxD)	614.8 x 362.1 x 26.0	714.5 x 418.2 x 26.0
	Package Dimension (WxHxD)	881.0 x 448.0 x 159.0	978.0 x 159.0 x 502.0



Features



Curved screen

Enhance productivity through a comfortable curved design.



High resolution

Work with multiple windows more comfortably and see more details.



Picture-by-picture

Connect two different devices to the monitor simultaneously.



Eye saver mode

Reduce blue light emissions to drive long-term productivity.



Easy setting box

Partition the screen into multiple windows for an instant view.



Ergonomic design

The swivel/tilt and height-adjustable stand offers all the flexibility for maximum comfort.

Specification

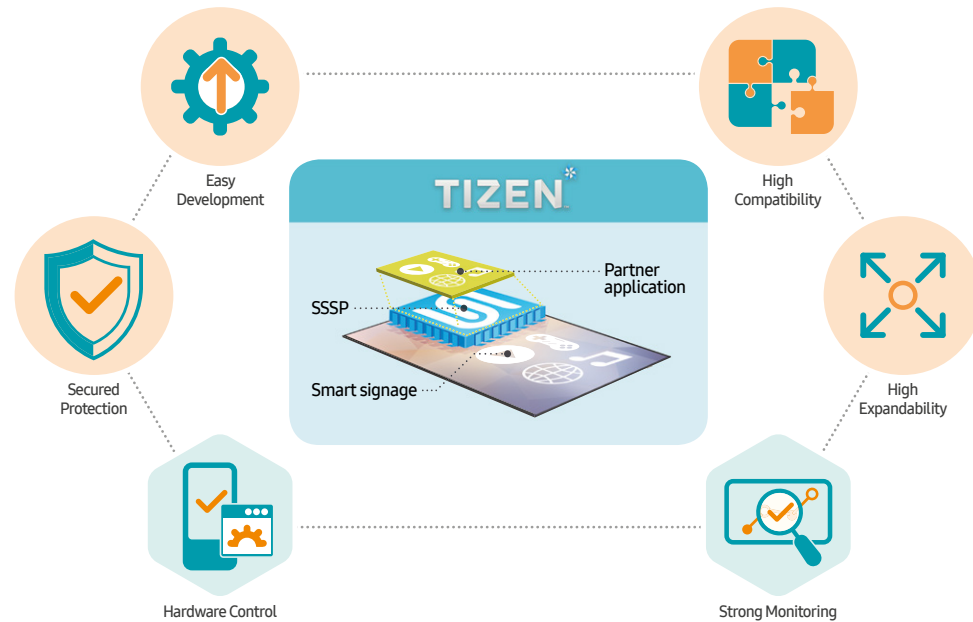
Model	CRG 49" (C49RG90)	CJ89 49" (C49J890)	CJ89 43" (C43J890)	UR59C 32"
Resolution	5120 x 1440	3840 x 1080	3840 x 1200	3840 x 2160
Brightness (typ.)	600 nit	300 nit	300 nit	250 nit
Curvature	1800R	1800R	1800R	1500R
Refresh Rate	120 Hz	144 Hz	120 Hz	60 Hz
Response Time	4ms (GTG)	5ms (GTG)	5ms (GTG)	4ms (GTG)
Connectivity	1 HDMI 2.0, 2 DP1.4, 2 USB Hub (3.0x2, 2.0x2)	1DP (1.2), 1HDMI (2.0) 2 USB Type-C (95W, 15W), USB Hub (1Up 3Down: 3.0x1, 2.0x2)	1DP (1.2), 1HDMI (2.0) 2 USB Type-C (95W, 15W), USB Hub (1Up 3Down: 3.0x1, 2.0x2)	1DP (1.2), 1HDMI (2.0)
Ergonomics	HAS, Tilt, Swivel	HAS, Tilt, Swivel	HAS, Tilt, Swivel	Tilt
Eye Saver Mode	Yes	Yes	Yes	Yes

SSSP (Samsung SMART Signage Platform)

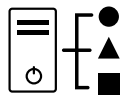
An all-in-one digital signage platform powered by Tizen

What is SSSP solution?

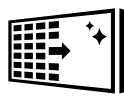
SSSP is a truly reliable, proprietary, all-in-one digital signage platform by Samsung. Powered by Tizen, the SSSP will further evolve the multimedia and hardware management experience for dedicated partners through cloud technology. New tools also facilitate integrated application development and testing for SSSP partners.



Features



Versatile open platform
Enjoy a developer-friendly platform.



Powerful performance
Built-in powerful quad-core embedded System on Chip (SoC).



TCO saving
Eliminate the purchase and maintenance cost of additional hardware.



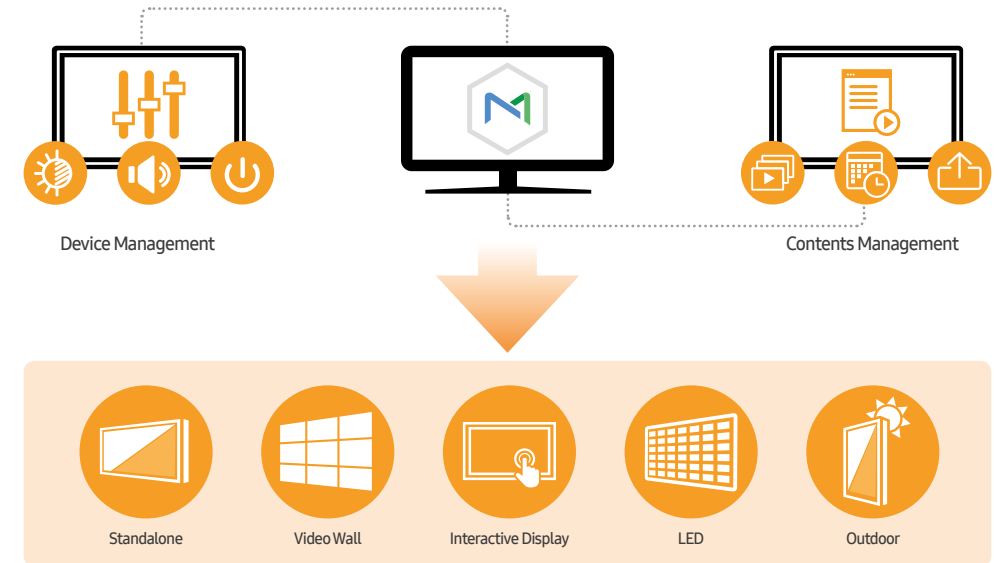
Reliability
Prevent unauthorized access and attempt auto recovery for app malfunctions.

MagicINFO

Manage entire content and devices with a single, yet consolidated solution

What is MagicINFO solution?

With Samsung's comprehensive MagicINFO platform, businesses in any environment can conveniently create, schedule and deploy content across their entire digital signage network. MagicINFO offers seamless remote hardware and software management, enabling content teams to update message designs and schedules from any location at any time.



Features



Real-time data
Customize your content with real-time data.



Advanced back-up play
Continue to display important content even if the main device is out of order.



Remote control
Conveniently monitor and adjust settings from any location.



Error detection
Provide errors with information on how to diagnose and fix a problem.