SAMSUNG-HARMAN HUDDLE ROOM SOLUTIONS

Facilitate More Effective Collaboration Through All-in-One Meeting Room Solutions

One of the effects of having a global workforce is that business leaders rarely gather the team together in a single location on short notice. The dynamic nature of today's remote workforce demands advanced technologies that can extend communication beyond the physical office, and ensure that all parties can fully participate.

Samsung and HARMAN have revolutionized collaboration through unified audio and visual display solutions that enliven business and maintain a smooth and productive workday — regardless of team member location. These joint technologies supply employees in the room or around the world with the crisp, clear video and pristine audio necessary to conduct seamless video conferencing, encouraging them to collaborate with document sharing, advanced connectivity and versatile implementation features.

Collaboration no longer requires a group of people huddled around a single cell phone or laptop. Trust Samsung and HARMAN to foster an optimal working environment for your business, and dial into the meeting room of the future.

HIGHLIGHTS

- Facilitate more productive collaboration with integrated audio, video and meeting management technologies
- Accommodate remote employees through crystal-clear sound and picture
- Capture wider views to better involve remote participants
- Drive clear, uninterrupted video conferencing
- Ensure reliability with a simplified solution from a single supplier
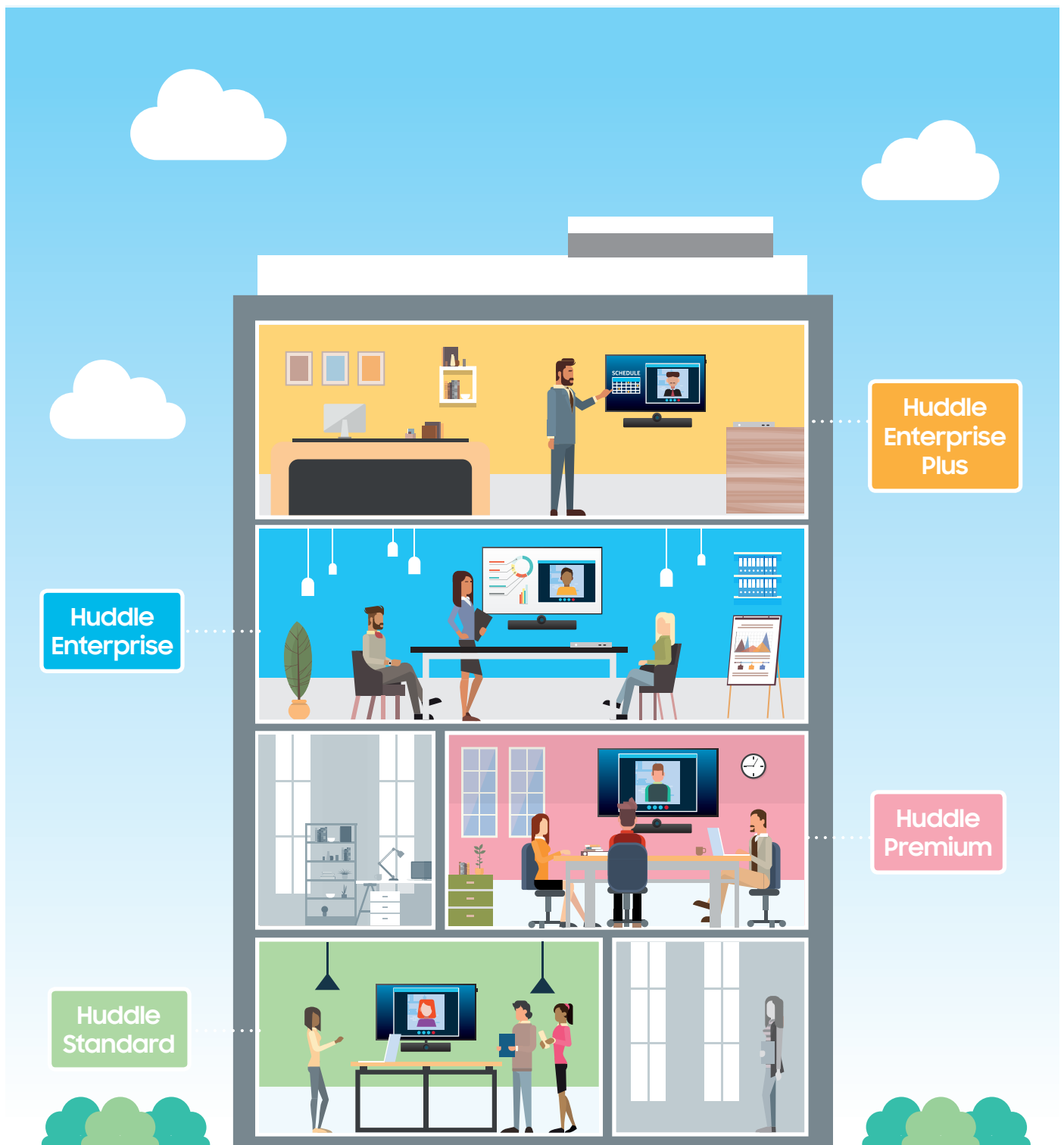
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WHAT IS HUDDLE SPACE?

THE HUDDLE SPACE: THE NEW FACE OF PRODUCTIVITY

Huddle spaces, designed to encourage brief conversation among small groups, can take on a variety of looks and dimensions. Any location that facilitates productive, collaborative discussions between small groups can be a huddle space – whether that is two individuals talking around a break room table or a group reviewing a presentation in a traditional conference room.

The versatility of the huddle space can also create challenges. With varying budgets, team sizes, and operational parameters, businesses require huddle room technologies that are customizable to suit their unique needs. Additionally, office space has become more of a luxury in recent years, forcing some businesses to divide (or completely eliminate) large conference rooms to conserve space.

WHY SAMSUNG & HARMAN?

SAMSUNG AND HARMAN: SHAPING THE FUTURE OF WORK

The unparalleled combination of Samsung's industry-leading visual display technologies and HARMAN's pioneering audio and video technology produces the most complete, high-performing solutions possible for the modern huddle space. These fully integrated meeting solutions provide everything necessary to conduct a seamless and efficient meeting, reducing setup and ensuring that discussions start and end on time. Likewise, a range of features that include video conferencing support, document sharing, and more accommodates any desired meeting type.

INTRODUCING SAMSUNG & HARMAN HUDDLE ROOM SOLUTIONS

HUDDLE ROOM SOLUTIONS FOR ANY BUSINESS ENVIRONMENT

Whatever the meeting room size or collaborative technology needs, Samsung and HARMAN have a solution ready to elevate day-to-day operations. Through a host of solution options, business users can select from a range of Samsung's industry-best visual display technologies and HARMAN's audio and video collaboration solutions. These customizable solutions bring superior picture quality and sharp, clear audio to small, mid-sized, and large huddle spaces, all without overwhelming users or requiring significant space.

HUDDLE STANDARD

ESSENTIAL COLLABORATION PERFORMED MORE EFFICIENTLY

Designed for small huddle rooms and communal workspaces, Samsung and HARMAN's Huddle Standard solution accommodates fundamental collaborative needs at a modest price point. Facilitators and participants can leverage Samsung's professional grade DCJ Series display (43- and 49-inch models) to deliver laptop-based business content at high picture quality and clarity. The DCJ Series displays work in conjunction with HARMAN's AMX Sereno video conferencing camera and users' laptops to gather live and virtual participants through an ultra-wide 120-degree field of view. With the AMX Sereno's built-in shutter and electronic microphone disconnect, the Huddle Standard solution also fortifies meetings with an added layer of security.

HUDDLE STANDARD   Essential Solution

SAMSUNG	DCJ Series
HARMAN	AMX Sereno Video Conferencing Camera

WHAT TO BRING	ADVANTAGES	
Laptop	Camera	Microphone

Meeting Room Floor

Most Cost-Effective Option

Basic Features

This cost-effective, yet high-performing solution is ideal for communal workspaces and aligns Samsung's DCJ Series professional-grade displays with HARMAN's AMX Sereno video conferencing camera for a wider, interruption-free view.

Samsung Professional Display DCJ Series

AMX Sereno

HUDDLE PREMIUM

BUILD A SMARTER CONFERENCE ROOM WITH NEXT-LEVEL AUDIO AND VIDEO

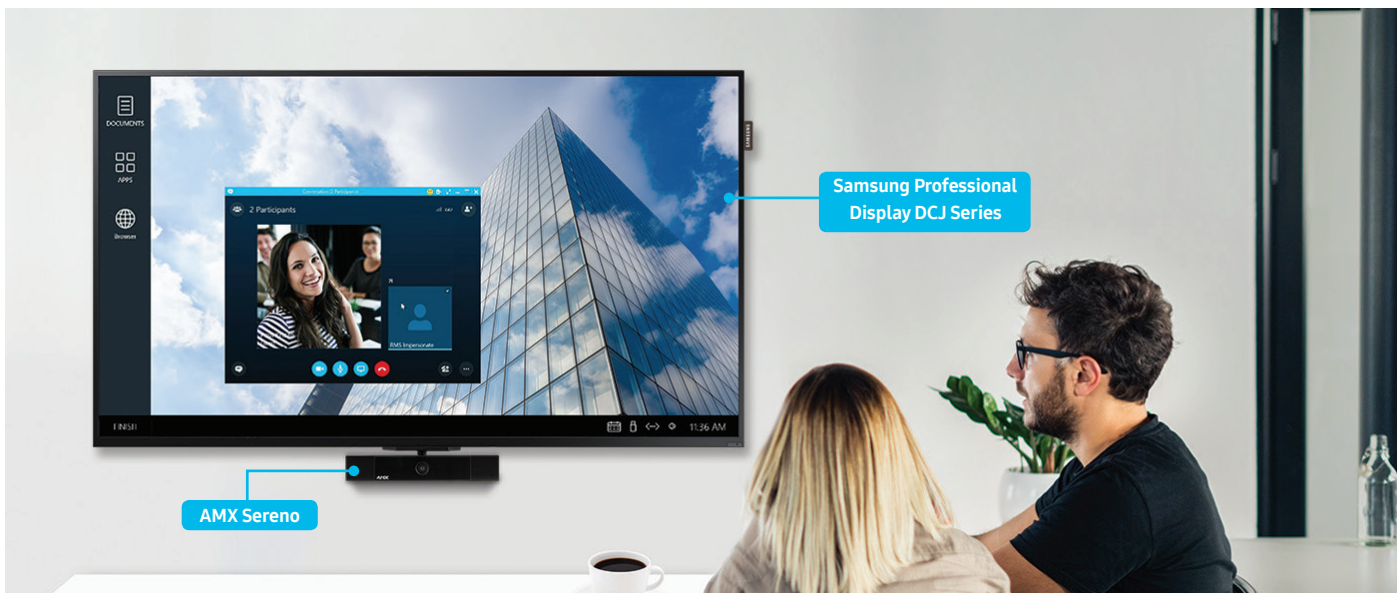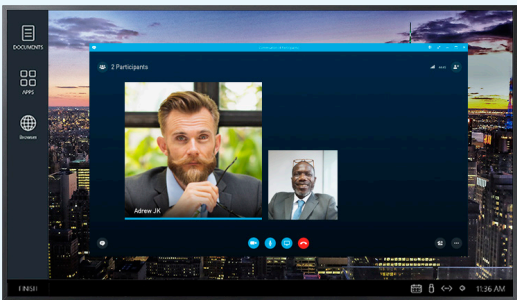Intuitive and sophisticated, Samsung and HARMAN's Huddle Premium solution creates new opportunities to customize collaboration. The combination of Samsung's UHD-quality QMH Series displays (49- and 55-inch models) and HARMAN's AMX Acendo Vibe conferencing sound bar brings meeting content to life in ways not previously possible with a basic laptop. This solution offers Bluetooth and USB connectivity that allows facilitators and participants to enjoy seamless audio, video and content streaming using their own devices. This compatibility, along with remote-free activation and crystal-clear engagement, make Huddle Premium the best choice for BYOD-friendly small- and mid-sized meeting spaces.

HUDDLE PREMIUM — Versatile Solution

SAMSUNG	QMH Series
HARMAN	AMX Acendo Vibe

WHAT TO BRING	ADVANTAGES		
Laptop or mobile device	Camera	Microphone	Premium Audio & Video

Small/Mid-Size Meeting Room

Best Solution for BYOD – Connect via Bluetooth or USB

Superior UHD Picture Quality and Sound by JBL

Industry Leading industrial Design

Perfect for BYOD-ready small- and mid-sized huddle spaces, this versatile solution brings business content to life through Samsung's UHD-quality QMH Series displays and HARMAN's AMX Acendo Vibe conferencing sound bar. The Huddle Vibe solution allows participants to connect personal devices through Bluetooth or USB, ensuring that everyone remains engaged and can be seen and heard.

Samsung UHD Display QMH Series

AMX Acendo Vibe

HUDDLE ENTERPRISE

INTRODUCE PERSONALIZED CONTENT INTO ANY CONVERSATION

A premium option for customer-facing collaboration, the Huddle Enterprise solution eases both preparation and execution within mid-sized huddle spaces. The Huddle Enterprise solution builds upon the Huddle Premium solution through the integration of HARMAN's AMX Acendo Core business communication platform, enabling users to book rooms from within the meeting space. Once meetings initiate, the Acendo Core platform facilitates convenient document exchange, multi-screen sharing and one-touch Skype for Business interaction to keep all participants informed and engaged. By condensing all required equipment to a single solution, Huddle Enterprise allows users to participate in local and remote meetings without bringing anything into the room.

HUDDLE ENTERPRISE — Smart Conference Room

SAMSUNG	QMH Series
HARMAN	AMX Acendo Vibe, AMX Acendo Core

WHAT TO BRING		ADVANTAGES	
Mouse	Keyboard	Camera	Microphone
		Premium Audio & Video	No Device Needed

Premium Option for Mid-Sized Meeting Room

Built-In Meeting Controls and Document Viewing – No Computer Needed

Integrates with Room Calendar for one Touch Meeting Start

This solution is the foundation for the "Smart Conference Room," building upon the Vibe package with the addition of HARMAN's Acendo Core business communications platform. A premium option for mid-sized meeting rooms, the Huddle Enterprise offering empowers seamless web conferencing and document viewing through built-in meeting management.

Samsung UHD Display QMH Series

AMX Acendo Core

AMX Acendo Vibe

HUDDLE ENTERPRISE PLUS

EXPAND COLLABORATION THROUGH ALL-IN-ONE, TOUCH-DRIVEN INTERACTION

The Huddle Enterprise Plus solution offers an all-inclusive, interactive collaboration system for C-suite executives who prefer the flexibility to hold meetings within their own office or collaborative space. The Huddle Enterprise Plus solution brings HARMAN's AMX Acendo Vibe sound bar and AMX Acendo Core meeting platform together with Samsung's touch-enabled PMF-BC Series displays (55-inch model) for a truly interactive space. This solution elevates the traditional meeting experience with multiple touch points and a wide-view camera, allowing all meeting participants to engage in real time. As a result, neither facilitators nor participants need to bring any external devices or materials to the meeting, making Huddle Enterprise Plus the optimal solution for convenient, rich impromptu collaboration.

HUDDLE ENTERPRISE PLUS — All-In-One Interactive Collaboration Solution

SAMSUNG	PMF-BC Series (Touch-enabled)
HARMAN	AMX Acendo Vibe, AMX Acendo Core

WHAT TO BRING	ADVANTAGES		
No Device Needed	Camera	Microphone	Premium Audio & Video
	No Device Needed	No peripherals needed	

Near-Desk Area / C-level Private Meeting Room

All-In-One Package (no peripherals needed)

Impromptu/ Rich Collaboration

For environments both reliant on short-notice collaboration and welcoming to C-suite level meetings, the Huddle Enterprise Plus solution provides a thorough and affordable option. Featuring the Acendo Vibe and Core platforms in conjunction with Samsung's PMF-BC interactive display, this solution facilitates touch-driven interaction without requiring multiple monitors or devices.

Samsung Touch Display PMF-BC Series

AMX Acendo Core

AMX Acendo Vibe

ALSO AVAILABLE: ROOM BOOKING TOUCH PANEL

EVERYTHING YOU NEED TO LOCATE AND BOOK ROOMS QUICKLY AND EASILY

Bring the same great scheduling experience from the Acendo Core solution to outside the room with HARMAN's AMX Acendo Book scheduling panels. The perfect room booking solution for mounting outside of conference rooms and boardrooms, Acendo Book scheduling panels help locate available meeting spaces at a glance. The user interface background color and built-in room availability bars change between red and green to show room availability, allowing users to easily locate and book an available room directly from the panel. If the room is currently booked, users can quickly locate the nearest available room or the next available time with ease. Acendo Book integrates directly into Microsoft Exchange, Office 365, and Google Calendar, and is simple to install and configure. Acendo Book can be mounted on any flat surface, including glass or stone, inside or outside a conference room or classroom.

ROOM BOOKING — Room Scheduling Panel

HARMAN	AMX Acendo Book

WHAT TO BRING	ADVANTAGES	
No Device Needed	Book the Room Directly on the Panel	Find Other Available Rooms
	Indicator Lights Show If Room Is Available	Mount Virtually Anywhere, Including Glass

AMX Acendo Book scheduling panels display everything you need to locate and book rooms easily and quickly. Reserve a room, extend a room reservation, or search for an available room nearby, right from the panel.

AMX Acendo Book

SPECIFICATIONS

MODEL			DC43J	DC49J
Panel	Diagonal Size	Class	43	49
		Measured		
	Type		60Hz D-LED BLU	60Hz D-LED BLU
	Resolution		1920x1080 (16:9)	1920x1080 (16:9)
	Pixel Pitch (mm)		0.16333(H) x 0.49005(V)	0.18642(H) x 0.55926(V)
	Active Display Area		940.89(H) x 529.25(V)	1073.78(H) x 604.00(V)
	Brightness(Typ.)		300nit	300nit
	Contrast Ratio (Typ.)		3000:1	3000:1
	Viewing Angle(H/V)		178:178	178:178
	Response Time (G to G)		8ms	8ms
	Display Colors		16.7 M	16.7 M
	Color Gamut		72%	72%
	Operation Hour		16/7	16/7
	Haze		2%	2%
Display	Dynamic C/R		MEGA	MEGA
	H-Scanning Frequency		30 ~ 81kHZ	30 ~ 81kHZ
	V-Scanning Frequency		48 ~ 75HZ	48 ~ 75HZ
	Maximum Pixel Frequency		148.5MHz	148.5MHz
Sound	Speaker Type		Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)
Connectivity	INPUT	RGB	DVI-I	DVI-I
		VIDEO	HDMI 1.4 (2), Component(CVBS Common)	HDMI 1.4 (2), Component(CVBS Common)
		HDCP	HDCP 1.4	HDCP 1.4
		AUDIO	Stereo Mini Jack, RGB/DVI/HDMI/CVBS/Component Audio (Common)	Stereo Mini Jack, RGB/DVI/HDMI/CVBS/Component Audio (Common)
		USB	USB 2.0 x 1	USB 2.0 x 1
	OUTPUT	RGB	N/A	N/A
		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) thru stereo jack, RJ45	RS232C(in) thru stereo jack, RJ45
	EXTERNAL SENSOR		IR	IR
	Tuner		Yes(only for NA/KR)	Yes(only for NA/KR)
Power	Type		Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	On mode [W]	TBD	TBD
		Sleep mode	less than 0.5W	less than 0.5W
		Off mode	TBD	TBD
Mechanical Spec	Dimension(mm)	Set	985.5 X 574.8 X 73.4	1118.8 X 650.0 X 74.2
		Package	1099 X 672 X 156	1236 X 750 X 161
	Weight (kg)	Set	7.9	10.2
		Package	11.6	14.8
	VESA Mount		200*200mm	200*200mm
	Protection Glass		N/A	N/A
	Stand Type		Foot Stand (Optional)	Foot Stand (Optional)
	Bezel Width (Top/Side/Bot) (mm)		17.3(Top), 18.3(Bottom), 21.3(Side)	17.4(Top), 18.5(Bottom), 21.5(Side)
Operation	Operating Temperature		0℃~ 40℃	0℃~ 40℃
	Humidity		10~80%	10~80%
Feature	Key		Slim & Light LFD with Built-in MagicInfo Lite	Slim & Light LFD with Built-in MagicInfo Lite
	Special	H/W	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2)	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2)
		S/W	Auto Source Switching & Recovery, RS232C/RJ45 MDC,Plug and Play (DDC2B), Built In MagicInfo Lite, Firmware Update by Network	Auto Source Switching & Recovery, RS232C/RJ45 MDC,Plug and Play (DDC2B), Built In MagicInfo Lite, Firmware Update by Network
	Internal Player (Embedded H/W)	Processor	MIPS 24K	MIPS 24K
		On-Chip CacheMemory	L1 : 16KB/16KB L2 : 128KB	L1 : 16KB/16KB L2 : 128KB
		Clock Speed	650MHz	650MHz
		Main Memory Interface	512MB	512MB
		Graphics	N/A	N/A
		Storage (FDM)	179MB	179MB
		Multimedia	N/A	N/A
		IO Ports	N/A	N/A
		Operating System	Samsung Proprietary OS(VDLinux)	Samsung Proprietary OS(VDLinux)
Certification	Safety		- CB (Europe) : IEC60950-1/EN60950-1 / - CCC (China) : GB4943.1-2011 - PSB (Singapore) : PSB+IEC60950-1 / - NOM (Mexico) : NOM-001-SCFI-1993 - IRAM (Argentina) : IRAM+IEC60950-1 / - SASO (Saudi Arabia) : SASO+IEC60950-1 - BIS(India) : IEC60950-1 / IS13252 - NOM(Mexico) : Tunerless : NOM-019-SCFI-1998 - KC(Korea) : K 60950-1 - EAC(Russia) : EAC+IEC60950-1 - INMETRO(Brazil) : INMETRO+IEC60950-1 - BSMI(Taiwan) : BSMI+IEC60950-1 - RCM(Australia) : IEC60950-1/AS/NZS 60950-1 - CSA (Canada) : cUL / - UL(USA) : cUL60950-1 / - TUV (Germany) : CE - NEMKO (Norway) : CE	
	EMC		- FCC (USA) Part 15, Subpart B Class A - CE (Europe) : EN55022:2006+A1:2007, EN55024:1998+A1:2001+A2:2003 - VCCI (Japan) : VCCI V-3 /2010.04 Class A - KCC/EK (Korea) : Tunerless : KN22 / KN24 - BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) CNS14972 (Digital) - C-Tick (Australia) : AS/NZS CISPR22:2009 - CCC(China) :GB9254-2008, GB17625.1-2012 - GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97, EN55022:2006+A1:2007, EN55024:1998+A1:2001+A2:2003	
	Environment		ENERGY STAR 7.0	
Accessories	Included		Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter	
	Optional	Stand	STN-L3240E	STN-L3240E
		Mount		
		Specialty		
		Media Player	SBB	SBB

SPECIFICATIONS

MODEL			QM49H	QM55H	QM65H	PM55F-BC
Panel	Diagonal Size	Class	49	55	65	55
		Measured	48.5" / 123.2cm	54.6" / 138.7cm	64.5" / 163.8cm	54.6" / 138.7cm
	Type		60Hz E-LED BLU			60Hz E-LED BLU
	Resolution		3840x2160(16:9)			1920x1080 (16:9)
	Pixel Pitch (mm)		0.093 x 0.279 (mm)	0.105 x 0.315 (mm)	0.124 x 0.372 (mm)	0.630(H) x 0.630(V)
	Active Display Area		1073.78(H) x 604.0(V)	1209.60(H) x 680.40(V)	1438.48(H) x 814.52(V)	1209.6(H) x 680.4(V)
	Brightness(Typ.)		500nit			400nit (w/ Touch Glass)
	Contrast Ratio (Typ.)		4000:1			4000:1
	Viewing Angle(H/V)		178/178			178 / 178
	Response Time (G to G)		8ms (Typ)			6ms (Typ)
	Display Colors		16.7M(True Display), 1.07B(Ditherd 10bit)			1.07B(Ditherd 10bit)
	Color Gamut		72%			72%
	Operation Hour		24/7			24/7
	Haze		25%			25% (Panel), 15% (Glass)
Display	Dynamic C/R		Mega			Mega
	H-Scanning Frequency		30 ~ 81kHZ			30 ~ 81kHZ
	V-Scanning Frequency		48 ~ 75HZ			48 ~ 75HZ
	Maximum Pixel Frequency		594MHz			148.5MHz
Sound	Speaker Type		Built in Speaker(10W + 10W)			Built in Speaker(10W + 10W)
Connectivity	INPUT	RGB	DVI-D, Display Port 1.2 (1)			DVI-I(D-Sub Common), Display Port 1.2
		VIDEO	HDMI 2.0 (2)			HDMI 2.0 (2)
		HDCP	HDCP2.2			HDCP 2.2
		AUDIO	Stereo mini Jack, DVI, HDMI			Stereo mini Jack, RGB/DVI/HDMI
		USB	USB 2.0 x 2			USB 2.0 x 2 (1 Used for Touch)
	OUTPUT	RGB	HDMI 2.0 (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			USB Type-B x 2 (Touch Sensor Data, PC 1 / SoC 1)
	EXTERNAL CONTROL		RS232C(in/out), RJ45			RS232C(in/out) thru Stereo Jack, RJ45
	EXTERNAL SENSOR		IR			N/A
	Tuner		N/A			Yes(only for NA)
Power	Type		Internal			Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz			AC 100 - 240 V (+/- 10 %), 50/60 Hz
	Power Consumption	On mode [W]	101(Typical), 140(Rating), 154(Max)	111(Typical), 150(Rating), 165(Max)	125(Typical), 180(Rating), 198(Max)	125(Typical), 187(Max)
		Sleep mode	less than 0.5W			less than 0.5W
		Off mode	less than 0.5W			less than 0.5W
Mechanical Spec	Dimension(mm)	Set	1099.4 x 634.0 x 36.8	1235.3 x 710.4 x 36.8	1456.1 x 835.6 x 37.5	1,248.4 X 733.4 X 58.4
		Package	1195.0 x 721.0 x 177.0	1335.0 x 812.0 x 182.0	1571 X 956 X 212	1,375 x 863 x 200
	Weight (kg)	Set	13.7	17.1	22.8	26.6
		Package	18.6	23.2	32.4	32.0
	VESA Mount		400x400			400x400
	Protection Glass		N/A			3.2T Semi-Tempered Touch Glass
	Stand Type		Foot Stand (Optional)			Foot Stand (Optional)
	Bezel Width (Top/Side/Bot) (mm)		11.0/11.0/12.0	11.0/11.0/12.0	12.0/12.0/12.0	25.0/17.9/25.0
Operation	Operating Temperature		0℃~ 40℃			0℃~ 40℃
	Humidity		10~80%			10~80%
Feature	Key		UHD Signage Display Slim & Light Signage with Built-in MagicInfo S5, SSSP 5.0			Slim & Light Signage with Built-in MagicInfo S4, SSSP 4.0, Cap-Touch
	Special	H/W	Temperature Sensor,Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA,HD-CP1.4:7EA), IP5x, Wi-Fi/BT			Non Glare Touch Panel, Temperature Sensor, Video Wall(15x15(OSD)), Video Wall Daisy Chain(16), Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded, Tuner(only for NA), Center IR
		S/W	Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)			Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC,Plug and Play, PIP/PBP(Only for NA), Image Rotation, Button Lock, DP1.2 Digital Daisy Chain(HDCP Support), Firmware Update by Network, New Home Screen, PC-less VideoWall(external source only), Multi Channel, Mobile Control, Event Schedule, Backup Player
	Internal Player (Embedded H/W)	Processor	Coretex A72 1.7GHz Quad-Core CPU			Cortex-A12 1.3GHz Quad Core CPU
		On-Chip CacheMemory	L1 Instruction Cache : 48KB, L1 Data Cache : 32KB, L2 Cache : 2MB			L1 (I/D) : 32KB / 32KB, L2 (Unified) : 1MB
		Clock Speed	1.7GHz Quad-Core CPU			1.3GHz CPU Quad
		Main Memory Interface	3GB, 3ch 64bit LPDDR4 1.6GHz			2.5GB, 3 channel 96bit DDR3-933 (1866MHz)
		Graphics	2D & 3D Graphic Accelerator Data Format : 32bpp Output resolution : 3840x2160p			2D & 3D Graphics Engine - Up to 3840x2160p. 32bpp - Supports OpenGL ES
		Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)			8GB (3.75GB Occupied by O/S, 4.25GB Available,)
		Multimedia	Video Decoder - MPEG 1/2/4, H.263, H.264/AVC - UHD H.264/AVC, VC-1, AVS/AVS+, MVC - VP8, VP9, HEVC, JPEG Audio DSP(Decoder) - MPEG, AC3, AC4, DD, MP3 and etc			Video Decoder - MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC - VC-1, AVS+, HEVC, JPEG, PNG,VP8, VP9 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.
		IO Ports	USB 2.0			USB 2.0
		Operating System	Tizen 3.0 (VDLinux)			Tizen 2.4 (VDLinux)
Certification	Safety		60950-1			CB (Europe) : IEC60950-1/EN60950-1 / CCC (China) : GB4943.1-2011 PSB (Singapore) : PSB+IEC60950-1 / NOM (Mexico) : NOM-001-SCFI-1993 IRAM (Argentina) : IRAM+IEC60950-1 SASO (Saudi Arabia) : SASO+IEC60950-1 / BIS(India) : IEC60950-1 / IS13252 / NOM(Mexico) : Tuner : NOM-001-SCFI-1993 Tunerless : NOM-019-SCFI-1998 / KC(Korea) : K 60950-1 EAC(Russia) : EAC+IEC60950-1 INMETRO(Brazil) : INMETRO+IEC60950-1 BSMI(Taiwan) : BSMI+IEC60950-1 RCM(Australia) : IEC60950-1/AS/NZS 60950-1 / UL(USA) : cUL60950-1 / CSA (Canada) : cUL / TUV (Germany) : CE / NEMKO (Norway) : CE
	EMC		Class A			FCC (USA) Part 15, Subpart B Class A CE (Europe) : EN55022:2006+A1:2007, EN55024:1998+A1:2001+A2:2003 VCCI (Japan) : VCCI V-3 /2010.04 Class A KCC/EK (Korea) : Tuner : KN13 / KN20 / Tunerless : KN22 / KN24 BSMI (Taiwan) : CNS13438 (ITE EMI) Class A /CNS13439 (AV EMI) / CNS14409 (AV EMS) / wCNS14972 (Digital) C-Tick (Australia) : AS/NZS CISPR22:2009 CCC(China) :GB9254-2008, GB17625.1-2012 GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97 EN55022:2006+A1:2007 , EN55024:1998+A1:2001+A2:2003
	Environment		ENERGY STAR 7.0			N/A
Accessories	Included		Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries			Quick Setup Guide, Regulatory Guide , Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) Gender, Cover Jack, USB Cable
	Optional	Stand	STN-L4655E			STN-L4655E
		Mount	WMN4270SD			WMN4270SD
		Specialty	CLM450D			N/A
		Media Player	SBB			SBB

SPECIFICATIONS

AMX SERENO VIDEO CONFERENCING CAMERA

MODEL		NMX-VCC-1000
General	Dimensions (HWD)	1 3/4" x 7 1/2" x 1 1/2" (43.7 mm x 190 mm x 38.6 mm)
	Weight	0.4 lbs (0.18 kg)
	Mounting Options	Includes a swivel base that can be used to mount the camera above or below as display (swivel base includes a female threaded tripod mount receptacle)
Power Consumption	Watts	5V / 500mA Max
Camera	Resolution	Up to 1920x1080p 30 fps
	Encoding Format	H.264/MJEPG/YUY2
	Field of View	120 Degree Wide Angle
	Digital Zoom	4x Digital Zoom
	Focus	15cm to Infinity
	Microphones	Dual with beamforming technology
	Security Features	Built-in privacy shutter that blocks lens and physically disconnects microphones
Connectors	Interfaces	USB 2.0 High Speed UVC

AMX ACENDO CORE MEETING SPACE COLLABORATION SYSTEM

MODEL		ACR-5100
General	Dimensions (HWD)	1 3/16" x 7 1/16" x 7 15/16" (30 mm x 180 mm x 201 mm)
	Mounting Options	Install on table or use included Surface Mount Accessory for installtion behind display or under table.
	Regulatory Compliance	FCC 47 CFR Part 15, Subpart C / Subpart B (emissions), UL 60950-1, CE EN 55024, CE EN 60950-1, IEC 60950-1
Active Power Requirement	Voltage, DC (Typical)	60950-1, IEC 60950-1
	Power Consumption (Max)	12 VDC
	Power Connector	60 W
Power Supply	Input Voltage	100 – 240 VAC, 50 - 60 Hz
	Output Voltage	12 VDC
Environmental	Temperature (Operating)	32° F to 104° F (0° C to 40° C)
	Temperature (Storage)	-4° F to 158° F (-20° C to 70° C)
	Humidity (Operating)	5% to 85%, non-condensing
Connectors	Power Connector	5.5 mm barrel connector
	USB	4x USB 3.0 Type A connector (back), 2x USB 2.0 Type A connector (front)
	HDMI	2x HDMI Type A connector
	Ethernet	2x RJ-45 connector for Gigabit Ethernet
	Analog Stereo Input	1/8" mini-Stereo Jack
	Analog Stereo Output	1/8" mini-Stereo Jack
HDMI	HDMI Input	Type A receptacle
	Supported	1.4b
	Resolution	Up to 4K30
Wireless	Bluetooth	4.0
	WiFi	802.11 a/b/g/n/ac
Compute Performance	CPU	Intel Celeron N3160
	RAM	4 GB
	DISK	128 GB minimum
Supported Calendar Systems	Supported Calendar Systems	Microsoft Exchange 2013 SP1 or higher, Exchange 2016, Exchange Online (Office 365)
Included Applications	Included Applications	• Viewers for Microsoft PowerPoint, Word, Excel, and Adobe PDF documents • Viewers for images and videos • Microsoft Edge web browser • Skype for Business Client (note: customers will need to supply a Skype for Business user account for each Acendo Core) • The Acendo Core supports a wide array of Windows and web-based applications and can be fully customized for an enterprise deployment

SPECIFICATIONS

AMX ACENDO VIBE CONFERENCING SOUNDBAR

MODEL		ACV-5100
General	Dimensions (HWD)	5 1/4" x 23 1/2" x 4 1/8" (132 mm x 590 mm x 105 mm) Depth without wall mount spacers: 3 15/16" (100 mm) Height without camera: 3" (76 mm)
	Mounting Options	Built-in wall mount. Included rubber feet for tabletop installation
	Regulatory Compliance	FCC 47 CFR Part 15, Subpart C / Subpart B (emissions), CE EN 55024, CE EN 60950-1, IEC 60950-1
Active Power Requirement	Voltage, DC (Typical)	110-240 VAC, 47-63 Hz
Environmental	Temperature (Operating)	32° F to 122° F (0° C to 50° C)
	Temperature (Storage)	-4° F to 158° F (-20° C to 70° C)
	Humidity (Operating)	5% to 85% RH non-condensing
Camera	Resolution	Up to 1920x1080p 30 fps
	Camera Sensor	1/2.7" CMOS sensor
	Field of View (Horizontal)	100°
	Field of View (Vertical)	55°
	Focus	15 cm to Infinity
	Camera Rotation	Can be rotated horizontally 175° (± 5°) in either direction
	Camera Tilt	Down 5° / Up 15°
Connectors	Analog Stereo Input	1/8" mini-Stereo Jack
	Analog Stereo Output	1/8" mini-Stereo Jack
	Optical Stereo Input	TOSLINK
	Power	IEC C8 inlet
	RS-232	3-pin Phoenix connector (mating connector not included)
	USB	Type-B receptacle (USB 2.0)
	HDMI Input	Type A receptacle
	HDMI Output	Type A receptacle
	Motion Sensor Input	3-pin Phoenix connector (mating connector not included)
USB	USB 2.0	Camera, microphones, and speakers connect to PCs using standard UAC/UVC drivers. USB connection used to configure AMX Acendo Vibe using PC application
HDMI	Supported	HDCP1.4
	Max Resolution	4K30
	Audio Supported	Uncompressed stereo PCM audio
	CEC	CEC display control on output
Audio	Supported	Stereo 10 W/Channel Amplifier, Built-in Acoustic Echo Cancellation
Bluetooth 4.0	Supported Profiles	Hands-Free Profile, Advanced Audio Distribution Profile
Remote Control	Functions Supported	• Bluetooth Pairing for mobile devices • Disconnect (Hang Up) • Microphone Mute • Source Select • Volume Up/Down • Volume Mute

COMPARISON CHART

FEATURE	STANDARD	PREMIUM	ENTERPRISE	ENTERPRISE PLUS
Display	√	√	√	√
UHD Display		√	√	√
Camera	√	√	√	√
Microphone	√	√	√	√
Premium Audio/Video		√	√	√
Content and conferencing platform (no user device needed)			√	√
Touch Interface (no peripherals needed)				√

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2017-11

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