

# Samsung SMART Signage QMR / QMT series

Display any content in ultra-high definition with incredibly rich color on slim, efficient signage

Through intelligent UHD upscaling technology, Samsung's QMR and QMT series performs edge restoration and noise reduction to deliver UHD picture quality even with lower resolution content. As an added benefit, this series also features reliable, non-glare panels that provide better visibility from all angles. Backed by Tizen 4.0, this series provides reinforced capability with multiple web formats and secured protection. Additionally, its new slim design simplifies wall mounting and ensures seamless installation.

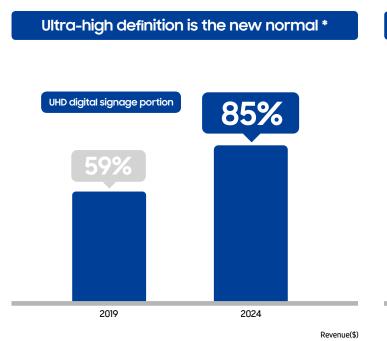
# Highlights

- Engage customers with lifelike images through ultra high-definition resolution
- Deliver UHD-level picture quality even with lower resolution content through Crystal Processor 4K supporting advanced UHD upscaling technology
- Dynamic Crystal Display allows viewers to enjoy a wider spectrum of colors, up to one billion shades
- Symmetrical, slim design simplifies installation and complements any environment
- Secure, PC-free operation through Knox and rigid three-layer protection
- Reliable, non-glare panels provide better visibility from all angles, anytime of day allowing businesses to deliver accurate information 24/7

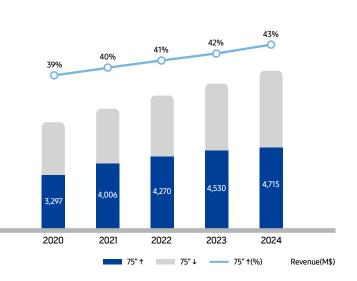
# SAMSUNG

# **Industry trend**

With visual display technology continually improving, viewers have developed an ever-growing expectation for better – and bigger – picture quality. Users, more than ever, want to captivate customers with truly lifelike images and gain a competitive edge over their industry peers with best-in-class displays. This is reflected in the fact that UHD resolution continues to grow in popularity, becoming an essential way for brands to impress customers amid a wider variety of stunning, aesthetical visuals and content. This trend is coupled with demand for larger screen sizes, particularly in the 75-inch and above category, enabling businesses to differentiate themselves and display content in a more impactful way than ever before.



### Demand for bigger screens is on the rise \*\*



\*,\*\* Source : Omdia, Public Displays Market Tracker Q1 2020, July 2020. Revenues in USD Millions. Does Not Include Consumer TVs Used as Public Displays. Not an Endorsement of Samsung Electronics Co. Ltd. Any Reliance on these results is at the third-party's own risk.

# Why Samsung's QMR / QMT series?

Samsung's superior visual display technology has positioned them as the industry leader in the digital signage market for a decade\* and Samsung brand having been No.1 in sales for 11 consecutive years in the display market\*\*. As an expert in picture quality in the display industry, Samsung is able to deliver best-in-class picture quality through their QMR and QMT series. The signage provides rich and flawless colors, sleek and durable design, powerful performance through SSSP 6 and secured protection. Samsung's QMR and QMT series is also able to upscale the low resolution content to UHD picture quality. For commercial displays, this technology advancement means highly visible signage with unmatched accuracy to help capture the attention of potential customers. It also means savings both in cost and time for businesses who can produce content more inexpensively at a lower resolution and still display it in stunning UHD quality.

\* Results based on Omdialformer IHS) report "Public Displays Market Tracker", 2009 – 2018. Information is not an endorsement of Samsung. Any reliance on these results is at the third party's own risk. \*\* According to market research company "Omdia". Ranking in terms of shipments. Results are not an endorsement of Samsung. Any reliance on these results is at the third-party's own risk.









# **Key features**



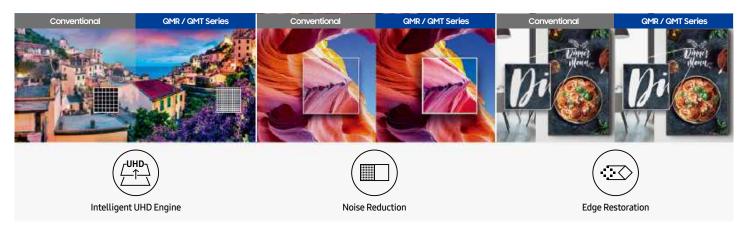
### Incredible 4K picture quality

Samsung's new QMR and QMT series is able to capture customer attention by providing an incredibly clear picture, showcasing lifelike images and intricate details better than ever before thanks to ultra high-definition 4K resolution.



### Perfect view with non-glare display

When clear visibility is essential, the QMR and QMT series incorporates key features including up to 500 nit brightness and reliable, non-glare panels that provide better visibility from all angles, anytime of day. The display is ideal for locations such as airports and commuter stations where 24/7 access to clear and accurate information is crucial.



### **Crystal Processor 4K**

Samsung's global leadership in display technology and picture quality spans more than a decade. Thanks to superior semi-conductor technology, Samsung has developed the powerful video processor available. Additionally, intelligent UHD upscaling technology is a cutting-edge solution based on Samsung's proprietary UHD Processor that allows content developed at a lower resolution to be elevated to UHD-level quality. It also performs edge restoration and noise reduction to optimize on-screen text and imagery with crisp edges and fine detail.



### Dynamic Crystal Display

Dynamic Crystal Display is what brings the incredible, lifelike color to Samsung displays. Using 10-bit processing, the displays are able to showcase a wider spectrum of colors — up to a billion different shades — capturing subtle differences for flawless color expression, critical to businesses in ensuring brand consistency across communication channels. The QBR and QBT series also features HDR+ functionality that converts standard definition (SDR) content to HDR quality for sharper contrast and more vivid colors.

### **Key features**



#### Long Life Cycle

#### Slim and symmetrical design

The all-new slim and symmetrical design of the QMR and QMT series significantly simplifies wall mounting the display and ensures installation is a seamless process. The display's power inlet direction has been redesigned to sit flush against the wall. The new design sets guarantees a long life cycle ensuring the QMR and QMT series will stand the test of time.



### Samsung Workspace secured by Knox

Samsung Workspace is a powerful new feature fortified by proprietary Knox security technology allowing users to create an enhanced virtual collaboration workspace without needing a PC in the room, or any physical connection. Simply connect a keyboard and mouse to the display and immediately get to work accessing a PC remotely or web based cloud services such as Microsoft Office 365 and VMWare Horizon.

\* Samsung Workspace feature support may vary by region and market conditions.
\* The scheduled availability of this feature varies by model.



#### Wi-Fi and Bluetooth built-in

The QMR and QMT series features a nearly endless range of business use cases thanks to built-in Wi-Fi and Bluetooth. Wireless connectivity allows for personalized and interactive services including enabling integration with beacon technology in store, while also simplifying how businesses showcase content.

\* Image is for illustrative purposes only, specific application or program may have to be developed for the depicted usage scenario.



#### **Clean cable management**

In a corporate or retail environment, the back of a display is often visible to customers. With the QMR and QMT series' new cable guide feature retailers can tuck messy cables away from view. This allows for a clean and more visually-appealing customer shopping experience.



### Powerful, all-in-one solution

The Samsung SMART Signage Platform (SSSP) is an open-source, all-in-one solution embedded in Samsung SMART signage that simplifies installation and maintenance. With SSSP, there is no need for any external devices to communicate with the server or play digital media enjoying easy development, reinforced capability with multiple web formats, and secured protection.



### Industry standard certified

QMR displays are EMC class B compliant, providing a safe and healthy viewing environment by meeting strict standards of electromagnetic wave emission and assuring reliable operation even near other electronic equipment. The displays are also registered by EPEAT, the global ecolabel for IT, confirming the hardware is sustainable for the full product lifecycle, from design and production to energy use and recycling.

\* QM85R and QM98T have EMC class A certification and not registered by EPEAT.

# Specifications

	Model		QM43R	QM50R	QM55R	QM65R	QM75R
		Class	43	50	55	65	75
Panel	Diagonal Size	Measured	42.5	49.5	54.6	64.5	74.5
	Туре		Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU	Edge LED BLU
	Resolution		UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)	UHD (3840 x 2160)
	Pixel Pitch (mm)		0.2451 x 0.2451	0.285 x 0.285	0.105 x 0.315	0.372 x 0.372	0.42975 x 0.42975
	Active Display Area		941.184 (H) x 529.416 (V)	1095.84(H) x 616.41(V)	1209.6(H) x 680.4(V)	1428.48 (H) x 803.52 (V)	1650.24 (H) x 928.26 (V)
	Brightness(Typ.)		500	700	500	500	500
	Contrast Ratio (Typ.)		4000:1	4000:1	4000:1	4000:1	4000:1
	Viewing Angle(H/V) Response Time (G to G)		178/178	178/178 8ms(Typ.)	178/178 8ms(Typ.)	178/178 8ms(Typ.)	178/178 8ms(Typ.)
		J)	8ms(Typ.) 16.7M(True Display)	16.7M(True Display)	16.7M(True Display)	16.7M(True Display)	16.7M(True Display)
	Display Colors		1.07B(Ditherd10bit)	1.07B(Ditherd10bit)	1.07B(Ditherd10bit)	1.07B(Ditherd10bit)	1.07B(Ditherd10bit)
	ColorGamut		92% (DCI-P3, CIE1976)	92% (DCI-P3, CIE 1976)	92% (DCI-P3, CIE1976)	92% (DCI-P3, CIE1976)	92% (DCI-P3, CIE1976)
	Operation Hour		24/7	24/7	24/7	24/7	24/7
	Haze		44% MEGA	25% MEGA	25% MEGA	25% MEGA	44% MEGA
	Dynamic C/R H-Scanning Frequency		30 ~ 81kHZ	30 ~ 81kHZ	30 ~ 81kHZ	30 ~ 81kHZ	30 ~ 81kHZ
Display	V-Scanning Frequence		48~75HZ	48~75HZ	48~75HZ	48~75HZ	48~75HZ
	Maximum Pixel Frequ		594MHz	594MHz	594MHz	594MHz	594MHz
Sound	Speaker Type		Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)	Built in Speaker(10W+10W)	Built in Speaker(10W + 10W)
		RGB	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)	DVI-D, Display Port 1.2 (1)
		VIDEO	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)	HDMI 2.0 (2)
	INPUT	HDCP	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2	HDCP2.2
		AUDIO	Stereo Mini Jack, DVI, HDMI	Stereo mini Jack, DVI, HDMI	Stereo Mini Jack, DVI, HDMI	Stereo Mini Jack, DVI, HDMI	Stereo Mini Jack, DVI, HDMI
		USB	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2
Cooperation in		RGB	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)	HDMI 2.0 (Loop-out)
Connectivity	OUTPUT	VIDEO	N/A Storog Mini Jack	N/A Storeo mini Jack	N/A Storeg Mini Jack	N/A Storog Mini Jack	N/A Storeo Mini Jack
	001901	AUDIO Power Out	Stereo Mini Jack N/A	Stereo mini Jack N/A	Stereo Mini Jack N/A	Stereo Mini Jack N/A	Stereo Mini Jack N/A
		VSB	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
	EXTERNAL CONTROL		RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45	RS232C(in/out) thru stereo jack, RJ45
	EXTERNAL SENSOR		IR	IR	IR	IR	IR
	Tuner		N/A	N/A	N/A	N/A	N/A
	Туре		Internal	Internal	Internal	Internal	Internal
	Power Supply		AC100 - 240 V~ (+/-10 %), 50/60 Hz	AC100-240 V~ (+/-10 %), 50/60 Hz	AC100 - 240 V~ (+/-10 %), 50/60 Hz	AC100 - 240 V~ (+/-10 %), 50/60 Hz	AC100 - 240 V~ (+/-10 %), 50/60 Hz
		Max[W/h]	110	170.5	143	181.5	231
Power		Typical[W/h]	74	117	108	131	178
	Power Consumption	Rating[W/h]	100	155	130	165	210
		BTU(Max) Sleep mode	375.1 0.5	581.4 0.5	487.6 0.5	618.9 0.5	787.7
		Off mode	N/A	N/A	N/A	N/A	N/A
		Set	967.5 x 557.7 x 48.3	1121.4 x 643.9 x 46.3	1235.1 x 707.9 x 46.3	1453.9 x 831.0 x 46.3	1681.1 x 960.1 x 49.7
	Dimension(mm)	Package	1095 x 676 x 151	1269 x 784 x 152	1402 x 858 x 163	1611 x 973 x 185	1871 x 1127 x 223
	Maight (lug)	Set	10	13.4	18.1	24.9	38.3
Mechanical	Weight (kg)	Package	13.3	17.6	23.6	33.3	49
Spec	VESA Mount		200 X 200	200 X 200	200 X 200	400 X 400	400 X 400
	Protection Glass		N/A	N/A	N/A	N/A	N/A
	Stand Type		Foot Stand (Optional)	Foot Stand (Optional)	Foot Stand (Optional)	No	No
	Bezel Width (Top/Side		9.2mm(U/L/R),11.2mm(B)	9.2mm(U/L/R),11.2mm(B)	9.2mm(U/L/R),11.2mm(B)	9.2mm(U/L/R), 11.2mm(B)	11.5mm(U/L/R), 12.5mm(B)
Operation	Operating Temperatu Humidity	lie	0°C~ 40°C 10~80%	0°C~ 40°C 10~80%	0°C~ 40°C 10~80%	0°C~ 40°C 10~80%	0°C~ 40°C 10~80%
	Humaly		UHD Signage Display	UHD Signage Display	UHD Signage Display	UHD Signage Display	UHD Signage Display
	Key H/W		Slim & Light Signage with Built-in Magicinfo S6, SSSP 6.0 Temperature Sensor,Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), IP5x	Slim & Light Signage with Built-in MagicInfo S6, SSSP6.0 Temperature Sensor/Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W2ch), Video WalL Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), IPSx	Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0 Temperature Sensor/Pivot Display, Clock Battery(168/hrs Clock Keeping), Built in Speaker(10W 2ch), Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), IP5x	Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0 Temperature Sensor/Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video WalL Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), IP5x	Slim & Light Signage with Built-in MagicInfo S6, SSSP 6.0 Temperature Sensor/Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W 2ch), Video WalL Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), IP5x
	Special	S/W	Rating, Wi-Fi/BT Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	Rating, Wi-Fi/BT Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting), 802 IX(WPA2 Enterprise) Certified	Rating, Wi-Fi/BT Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	Rating, Wi-Fi/BT Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)	Rating, Wi-Fi/BT Auto Source Switching & Recovery, LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting)
		Processor On-Chip	Coretex A721.7GHz Quad-Core CPU L1 Instruction Cache : 48KB	Cortex A721.7GHz Quad-Core CPU L1 Instruction Cache : 48KB	Coretex A721.7GHz Quad-Core CPU L1 Instruction Cache : 48KB	Coretex A721.7GHz Quad-Core CPU L1 Instruction Cache : 48KB	Coretex A721.7GHz Quad-Core CPU L1 Instruction Cache : 48KB
Fosturo		Cache Memory	L1 Data Cache : 32KB L2 Cache : 2MB	L1 Data Cache : 32KB L2 Cache : 2MB	L1 Data Cache : 32KB L2 Cache : 2MB	L1 Data Cache : 32KB L2 Cache : 2MB	L1 Data Cache : 32KB L2 Cache : 2MB
Feature		Clock Speed	1.7GHz	1.7GHz	1.7GHz	1.7GHz	1.7GHz
		Main Memory Interface	2.5GB LPDDR41.5GHz 64bit Graphic resolution : 1920x1080	2.5GB LPDDR41.5GHz 64bit Graphic resolution : 1920x1080	2.5GB LPDDR41.5GHz 64bit Graphic resolution : 1920x1080	2.5GB LPDDR41.5GHz 64bit Graphic resolution : 1920x1080	2.5GB LPDDR41.5GHz 64bit Graphic resolution : 1920x1080
						Output resolution : 3840x2160 (Scale up	Output resolution : 3840x2160 (Scale up
	Internal Player (Embedded H/W)	Graphics Storage	from graphic processing result.)	Output resolution : 3840x2160 (Scale up from graphic processing result.) 8GB (3.88GB Occupied by O/S.	from graphic processing result.) 8GB (3.88GB Occupied by O/S.	from graphic processing result.) 8GB (3.88GB Occupied by O/S	from graphic processing result.) 8GB (3.88GB Occupied by O/S.
		Graphics Storage (FDM) Multimedia	from graphic processing result.) 8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+,	from graphic processing result.) 8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+,	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+,	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+,	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+,
		Storage (FDM) Multimedia	from graphic processing result.) 8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263,	from graphic processing result.) 8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263,	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263,	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263,	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263,
		Storage (FDM) Multimedia	from graphic processing result.) 8GB (3.88GB Occupied by O/S, 412GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHO H.264/AVC, VC-1, AVS+, HEVC, JPEC, PNG, VPR, VP9 *Audio Decoder : AC3 (DD), MPEG	from graphic processing result.) 8GB (3.88GB Occupied by 0/5, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEC, PNG, VPB, VP9 *Audio Decoder : AC3 (DD), MPEG	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG	8GB (3.88GB Occupied by O/S, 412GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG	8GG (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG
		Storage (FDM) Multimedia IO Ports Operating	from graphic processing result) 8GB (3.88G 0ccupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHO H.264/AVC, VC-1, AVS+, HEVC, JPEC, PNG, VPR, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0	from graphic processing result.) 8GB (386G Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263 H.264/AVC, UHD H.264/AVC, VC-1, AVS+, H.EVC, JPEC, PNG, VPR, VPP *Audio Decoder : AC3 (DD), MPEG USB 2.0	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder: AC3 (DD), MPEG USB 2.0	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, V.C-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0	8GB (3.88GB Occupied by 0/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP9, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0
	(Embedded H/W)	Storage (FDM) Multimedia IO Ports Operating	from graphic processing result) 8GB (3.88G Occupied by O/S, 412GB Available) *Video Decoder : MPEG-1/2/4, H263, H264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux)	from graphic processing result.) 8GB (3.8GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEC-172/4, H263, H264/AVC, UHD H264/AVC, VC-1, AVS+, HEVC, JPEG, FNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux)	8GB (3.88GB Occupied by 0/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, FNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux)	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VPB, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux)	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, V.C-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux)
Certification	(Embedded H/W) Safety	Storage (FDM) Multimedia IO Ports Operating	from graphic processing result.) 8GB (3.88GB Occupied by O/S, 412GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHO H.264/AVC, VC-1, AVS+, HEVC, JPEC, PNG, VPR8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat	from graphic processing result.) 8GB (38GB Coupled by O/S, 412GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEC, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B N/A	8GB (3.88GB Occupied by 0/5, 412GB Available) *Video Decoder : MPEG-1/2/4, H263, H264/AVC, UHD H264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder: AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat	8GB (3.88GB Occupied by O/S, 4.12GB Available) *'Video Decoder : MPEC-1/2(4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat
Certification	(Embedded H/W) Safety EMC Environment Security	Storage (FDM) Multimedia IO Ports Operating	from graphic processing result) 8GB (3.88G 0ccupied by O/S, 412GB Available) *Video Decoder : MPEG-1/2/4, H263, H264/AVC, UHO H.263/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY 5TAR 8.0, Epeat 802.1X(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card,	from graphic processing result.) 8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H263, H264/AVC, UHD H264/AVC, Cr-1, AVS+, HEVC, JPEG, PNG, VP9, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B N/A 8021x/WPA2 Enterprise) : EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card,	8GB (3.88GB Occupied by 0/5, 412GB Available) *Video Decoder : MPEC-1/2/, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder: AC3 (DD), MPEC USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY 5TAR 8.0, Epeat 802.1X(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card,	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEC-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 8021x/WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card,	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEC-1/2(4, H263, H264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, frvG, VPB, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 8021x/WPA2 Enterprise) : EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card,
Certification	(Embedded H/W) Safety EMC Environment	Storage (FDM) Multimedia IO Ports Operating System	from graphic processing result) 8GB (3.88G 0ccupied by O/S, 412GB Available) *Video Decoder : MPEG-1/2/4, H263, H264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder: AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 802.1X(WPA2 Enterprise) : EAP-TL5, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	from graphic processing result.) 8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEC-1/2/4, H263, H264/AVC, UHD H264/AVC, VC-1,AVS+, HEVC, JPEG, PNG, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B N/A 802.1xtWPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide Warranty Card, Power Cord, Remote Controller, Batteries	8GB (3.88GB Occupied by 0/5, 412GB Available) *Video Decoder : MPEG-1/24, H263, H264/AVC, UHD H264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder: AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Waranty Card, Power Cord, Remote Controller, Batteries	8GB (3.88GB Occupied by O/S, 412GB Available) *Video Decoder : MPEG-12/4, H263, H264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VPS, VP9 *Audio Decoder: AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY 5TAR 8.0, Epeat 8021x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEC-17/24, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder: AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 8021x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries
	(Embedded H/W) Safety EMC Environment Security	Storage (FDM) Multimedia IO Ports Operating System Stand	from graphic processing result) 8GB (3.88G Occupied by O/S, 412GB Available) *Video Decoder : MPEG-1/2/4, H263, H264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder: AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Waranty Card, Power Cord, Remote Controller, Batteries STN-L4355F	from graphic processing result.) 8GB (3.88GB Occupied by O/S, 4.12GB Available *Video Decoder : MPEC-1/2/4, H263, H264/AVC, UHD H264/AVC (C-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B N/A 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Cand, Power Cord, Remote Controller, Batteries STN-L4355F	8GB (3.88GB Occupied by 0/5, 412GB Available) *Video Decoder : MPEG-1/2/4, H263, H264/AVC, UHD H264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder: AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 802.1X(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries STN-L4355F	8GB (3.88GB Occupied by O/S, 412GB Available) *Video Decoder : MPEG-12/4, H263, H264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VPS, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 8021x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Seture Guide, Warranty Card, Power Cord, Remote Controller, Batteries No	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEC-1/2/4, H263, H264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VR9, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY 5TAR 8.0, Epeat 80213/WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card, PowerCord, Remote Controller, Batteries No
Certification	(Embedded H/W) Safety EMC Environment Security	Storage (FDM) Multimedia IO Ports Operating System Stand Mount	from graphic processing result) 8GB (3.88G Occupied by O/S, 412GB Available) *Video Decoder : MPEG-1/2/4, H263, H264/AVC UHO H263/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries STN-L4355F WMN40705E (Land Only)	from graphic processing result.) 8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2/4, H263, H264/AVC, UHD H264/AVC, Cr-1,AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B N/A 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries STN-L4355F WMN4070SE (Land Only)	8GB (3.88GB Occupied by 0/5, 412GB Available) *Video Decoder : MPEC-1/2/, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder: AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY 5TAR 8.0, Epeat 802.1X(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries STN-L4355F WMN4070SE (Land Only)	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEC-1/2(4, H263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 8021x(WPA2 Enterprise) : EAP-TLS, EAP-TILS, EAP-PEAP Quick Setup Guide, Warranty Card, PowerCord, Remote Controller, Batteries No WMN4277SE (Land Only)	8GB (3.88GB Occupied by O/S, 4.12GB Available) *Video Decoder : MPEG-1/2(4, H2A3, H264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, frvG, VPS, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 8021x(WPA2 Enterprise) : EAP-TLS, EAP-TEAP Quick Setup Guide, Warranty Card, PowerCord, Remote Controller, Batteries No WMN42775E (Land Only)
	(Embedded H/W) Safety EMC Environment Security Included	Storage (FDM) Multimedia IO Ports Operating System Stand	from graphic processing result) 8GB (3.88G Occupied by O/S, 412GB Available) *Video Decoder : MPEG-1/2/4, H263, H264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder: AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Waranty Card, Power Cord, Remote Controller, Batteries STN-L4355F	from graphic processing result.) 8GB (3.88GB Occupied by O/S, 4.12GB Available *Video Decoder : MPEC-1/2/4, H263, H264/AVC, UHD H264/AVC (C-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B N/A 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Cand, Power Cord, Remote Controller, Batteries STN-L4355F	8GB (3.88GB Occupied by 0/5, 412GB Available) *Video Decoder : MPEG-1/2/4, H263, H264/AVC, UHD H264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 *Audio Decoder: AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 802.1X(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries STN-L4355F	8GB (3.88GB Occupied by O/S, 412GB Available) *Video Decoder : MPEG-12/4, H263, H264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VPS, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 8021x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Seture Guide, Warranty Card, Power Cord, Remote Controller, Batteries No	8GB (3.88GB Occupied by O/S, 4.12GB Available) 4/Udeo Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VPB, VP9 *Audio Decoder : AC3 (DD), MPEG USB 2.0 Tizen 4.0 (VDLinux) 60950-1 Class B ENERGY STAR 8.0, Epeat 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries No WMIN4227SE (Land Only)

# Specifications

Feature         Res         Control Contex A217GHz Quad-Core CPU         Control Contex A217GHz Quad-Core CPU           On-Chip Cache         On-Chip Cache         Contex A217GHz Quad-Core CPU         Contex A217GHz Quad-Core CPU           Internal Player         On-Chip Cache         Contex A217GHz Quad-Core CPU         Contex A217GHz Quad-Core CPU           Internal Player         Contex Speed         Contex A217GHz Quad-Core CPU         Contex A217GHz Quad-Core CPU           Internal Player         Contex Speed         Contex A217GHz Quad-Core CPU         Contex A217GHz Quad-Core CPU           Internal Player         Contex Speed         Contex A217GHz Quad-Core CPU         Contex A217GHz Quad-Core CPU           Internal Player         Contex Speed         Contex A217GHz Quad-Core CPU         Contex A217GHz Quad-Core CPU           Internal Player         Contex Speed         Contex A217GHz Quad-Core CPU         Contex A217GHz Quad-Core CPU           Internal Player         Graphic resolution :120x1080         Contex A217GHz Quad-Core CPU         Contex A217GHz Quad-Core CPU           Internal Player         Graphic resolution :120x1080         Contex A217GHz Quad-Core CPU         Contex A217GHz Quad-Core CPU           Internal Player         Graphic resolution :120x1080         Contex A217GHz Quad-Core CPU         Contex A217GHz Quad-Core CPU           Internal Player         Graphic resolution :120x1080<		Model		QM85R	QM98T	
Image: Control of the section of		Diagonal Sizo	Class	85	98	
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Avec Ground Processor Procesprocessor Processor Processor Processor Processor Processor Proce	Douvor		Typical[W/h]	217	372	
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Beel/Width Tigs/Site         109mm(U/R) 129mm(B)         109mm(U/R) 129mm(B)         109mm(U/R) 129mm(B)           Operating Term         0 (Perating Term         0 (Perating Term)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)           Minit (V = V)         100mm(U/R) 129mm(B)         0 (PC-40°C         0 (PC-40°C           Normal (V = V)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)           Normal (V = V)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)           Normal (V = V)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)           Normal (V = V)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)           Normal (V = V)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)           Normal (V = V)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)           Normal (V = V)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)           Normal (V = V)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)           Normal (V = V)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm(U/R) 129mm(B)         100mm		Protection Glass		N/A	N/A	
Operating Temperature				N/A	No	
Operation         Humidity         Image: Process of the second se						
Key         UHD Signage Display Similar Light Signage Wight Similar Light Signage Wight Wide Wall Dasy Chair(HCC/22:44, HCC):47:43, HCS: Reting, Wi-H/BT Wide Wall Dasy Chair(HCC/22:44, HCC):47:47, HCS: Reting, Wide State (Code Code : HCC):47:47, HCS: Reting, Wide State (Code State) Code : 47:47, HCS: Reting, Wide State (Code State) Code : 47:47, HCS: Reting, Wide State (Code State) Code : 47:48, HCS: Reting, Wide State (Code State) Code : 47:47, HCS: Reting, HCS: Reting, Wide State (Code State) Code : HCC, HCS: Reting, HCS:	Operation		ure			
Key         Sina Light Signage with Built-In Majdrife 55, SSS PAO         Sina Light Signage with Built-In Majdrife 55, SSS PAO         Sina Light Signage with Built-In Majdrife 55, SSS PAO           Feature Feature Feature Senso Prive Display, Clock Retarcy (16km; Clock Keenige), Keenige Sina Light Signage with Urb Majdrife 55, SSS PAO         Temperature Senso Prive Display, Clock Retarcy (16km; Clock Keenige), Keenige Sina Light Signage with Main Sina Light Signage with Display Light Display, Clock Retarcy (16km; Clock Keenige), Keenige Sina Light Signage with Sina Light Signage with Sina Light Signage with Built-In Sina Light Signage with Sina Light Sig		numiaity				
Note         Note         Temperature Sensor/Point Display, Clock Battery/LBM To Clock Keeping), Built in Speaker (10, Weep Wall Day Clock Battery/LBM To Clock Keeping), Built in Speaker (10, Weep Wall Day Clock Battery/LBM To Clock Keeping), Built in Speaker (10, Weep Wall Day Clock Battery/LBM To Clock Keeping), Built in Speaker (10, Weep Wall Day Clock Battery/LBM To Clock Keeping), Built in Speaker (10, Weep Wall Day Clock Battery/LBM To Clock Keeping), Built in Speaker (10, Weep Wall Day Clock Battery/LBM To Clock Keeping), Built in Speaker (10, Weep Wall Day Clock Battery/LBM To Clock Keeping), Built in Speaker (10, Weep Wall Day Clock Battery/LBM To Clock Keeping), Built in Speaker (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery), Fug Wall Day Clock Battery (10, Weep Wall Day Clock Battery (10, W		Кеу		Slim & Light Signage with	Slim & Light Signage with	
Feature         Notice         Video Wall Daisy Chain(HDCP2.22EA,HDCP1.47EA), Mich Ration, Wick/BT         Video Wall Daisy Chain(HDCP2.22EA,HDCP1.47EA), Wick/BT           Feature         Special         SW         LPD Home UU, Button Dack, Hate young how Rugk/Bay (Initial Setting)         LPD Home UU, Button Lock, Hate young how Rugk/Bay (Initial Setting)         LPD Home UU, Button Lock, Hate young how Rugk/Bay (Initial Setting)           Feature         Processor         Contex AP217GHz Quad-Core CPU         Contex AP217GHz Quad-Core CPU           Clock Special         L1Data Cache: 32KB         L1Data Cache: 32KB         L1Data Cache: 32KB           Internal Player         Clock Special         Contex AP217GHz Quad-Core CPU         L2Cache: 2MB           Clock Special         Clock Special         L2Cache: 2MB         L2Cache: 2MB           Clock Special         Clock Special         L2Cache: 2MB         L2Cache: 2MB           Memory         L2SGB         L2Cache: 2MB         L2Cache: 2MB           Internal Player         Clock Special         L2Cache: 2MB         L2Cache: 2MB           Memory         L2SGB         L2SGB         L2SGB           Internal Player         Graphic resolution : 1920:A1080         Graphic resolution : 1920:A1080         Graphic resolution : 1920:A1080           Graphic resolution : 1920:A108         Graphice resolution : 1920:A1080         Graphice re			11.04		5	
Feature         SAW         Autom Source Address Source Sou		Constal	H/W		Video Wall Daisy Chain(HDCP2.2:4EA,HDCP1.4:7EA), Wi-Fi/BT	
Feature         Result of Control (Control (Contro))))<		special	S/W		LFD Home UI, Button Lock, Hot key option, Plug&Play (Initial Setting), 802.1x(WPA2 Enterprise)	
Peature         On-Chip Cache         Call Instruction Cache: 48KB         Lilinstruction Cache: 48KB           Internal Player         Cock Speed         Cache: 27KB         Cache: 27KB           Main (Embedded H/W)         Cock Speed         Cache: 27KB         Cache: 27KB           Main (Embedded H/W)         Main Menory Interface         Cache: 27KB         Cache: 27KB           Main (Embedded H/W)         Graphic security         Cache: 27KB         Cache: 27KB           Main (Embedded H/W)         Graphic security         Cache: 27KB         Cache: 27KB           Main (Embedded H/W)         Graphic security         Cache: 27KB         Cache: 27KB           Muinterda         Scrape         Graphic security         Cache: 27KB           Muinterda         Video Decoder: MEG-1/2/4, H263, H264 Abit         Cache: 27KB         Cache: 27KB           Muinterda         Video Decoder: AG1000, MPEG         Video Decoder: AG1000, MPEG         Video Decoder: AG1000, MPEG           Video Decoder: MEG-1/2/4, H263, H264 Abit         Video Decoder: AG1000, MPEG         Video Decoder: AG1000, MPEG           Video Decoder: MEG-1/2/4, H263, H264 Abit         Video Decoder: AG1000, MPEG         Video Decoder: AG1000, MPEG           Porerating         Signed         Cache: 27KB         Cache: 27KB         Cache: 27KB           Secraty <td></td> <td></td> <td></td> <td></td> <td>Certified</td>					Certified	
Feature         Gache         Gache         Gache         IData Cache: 3288           Internal Player         Mem         L2 Cache: 2MB         L2 Cache: 2MB           Mem         L2 Cache: 2MB         L2 Cache: 2MB           Mem         L2 Cache: 2MB         L2 Cache: 2MB           Mem         Cock Spee         IData Cache: 3288           Memory         Cock Spee         IData Cache: 3288           Memory         Gaphic resolution: 1920x1080         Gaphic resolution: 1920x1080           Methered         Gaphic resolution: 1920x1080         Output resolution: 3840x2100 Coche alphic processing result)           Mutimedi         Mutimedi         Sigge Coccept alphy 0/5, 41268 Available         Mutimedi           Mutimedi         Mutimedi         Sigge Coccept alphy 0/5, 41268 Available         Mutimedi           Mutimedi         Sigge Coccept alphy 0/5, 41268 Available         Mutimedi						
Feature         Icode Speed         Code Spee			Cache	L1 Data Cache : 32KB	L1 Data Cache : 32KB	
Notice         Main Memory         Main Memory         Addition         Addition         Addition           Internal Player						
Memory Interface         Memory Memory Memory Methode         Memory Methode         C2505 Methode         C2505 Memory Memory Methode         C2505 Memory Me	Feature	"Internal Player (Embedded H/W)"				
Internal Player         Internal P			Memory			
Induction         Marking         Output resolution: 3840x2160 (Scale up from graphic processing result.)         Output resolution: 3840x2160 (Scale up from graphic processing result.)           Image: Ima						
$ \begin{array}{ c c c c } \hline \begin{tabular}{ c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c } \hline \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$				Output resolution : 3840x2160 (Scale up from graphic processing result.)	Output resolution : 3840x2160 (Scale up from graphic processing result.)	
Multimedia     *Video Decoder : MPEG-1/2/A, H.263, H.264/AVC, UHD H.264/AVC, UC-1, AVS+, HEVC, JPEG, PNG, UPB     *Video Decoder : MPEG-1/2/A, H.263, H.264/AVC, UC-1, AVS+, HEVC, JPEG, PNG, UPB       Multimedia     *Video Decoder : MPEG-1/2/A, H.263, H.264/AVC, UC-1, AVS+, HEVC, JPEG, PNG, UPB     *Video Decoder : MPEG-1/2/A, H.263, H.264/AVC, UC-1, AVS+, HEVC, JPEG, PNG, UPB       Operating     Operating     VPP *Audio Decoder : ACS (DD), MPEG     USB 2.0       Operating     Operating     Tizen 4.0 (VDLinux)     USB 2.0       Multimedia     Edecoder : ACS (DD), MPEG     USB 2.0       Multimedia     Certification     Edecoder : ACS (DD), MPEG     USB 2.0       Multimedia     VPP *Audio Decoder : ACS (DD), MPEG     USB 2.0       Multimedia     VPP *Audio Decoder : ACS (DD), MPEG     USB 2.0       Operating     Operating     USB 2.0       Multimedia     VPP *Audio Decoder : ACS (DD), MPEG     USB 2.0       Operating     Operating     USB 2.0       Multimedia     Edecoder : ACS (DD), MPEG     USB 2.0       Operating     Operating     Class A       Environment     Multimedia     N/A       Security     Sol (MWPA2 Enterprise) (201-)     Sol (MWPA2 Enterprise)       : EAP-TLS, EAP-TL			Storage (FDM)			
Induited a     VP9 *Audio Decoder: AC3 (DD), MPEG     VP9 *Audio Decoder: AC3 (DD), MPEG       IO Ports     IO Ports     USB 2.0     USB 2.0       ID ports     ID ports     ID ports     USB 2.0       ID ports     ID ports     ID ports     ID ports       ID ports     ID ports     ID po				*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8,	*Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC, VC-1, AVS+, HEVC, JPEG, PNG, VP8,	
Operating System         Operating System         Tizen 4.0 (VDLinux)         Tizen 4.0 (VDLinux)           Kert         Safety         60950-1         60950-1           EMC         Class A         Class A         Class A           Finition         N/A         N/A         N/A           Reduct         Sacurity				VP9 *Audio Decoder : AC3 (DD), MPEG	VP9 *Audio Decoder : AC3 (DD), MPEG	
Safety     Certification     Safety     Certification     Tizen 4.0 (VDLIndx)       EAG     60950-1     60950-1       EMC     Class A     Class A       Environment     N/A     N/A       Security     Security     802.1x(WPA2 Enterprise) (20.1-) : EAP-TLS, EAP						
EMC     Class A       Certification     M/A       Invironment     N/A       Security     802.1x(WPA2 Enterprise) (201-) : EAP-TLS, EAP-T				Tizen 4.0 (VDLinux)	Tizen 4.0 (VDLinux)	
Certification     Environment     N/A       Security     802.1x(WPA2 Enterprise) (20.1-) : EAP-TLS, EAP-TLS, EAP-PEAP     802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TLS, EAP-PEAP       Included     Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries     Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries						
Inva         Inva         Inva           Security         \$8021x(WPA2 Enterprise) (201-) :EAP-TLS, EAP-TLS, EAP-PEAP         \$8021x(WPA2 Enterprise) :EAP-TLS, EAP-TLS, EAP-PEAP           Included         Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries         Quick Setup Guide, Batteries	Contificanting					
Jecurity     :EAP-TLS_EAP-PEAP     :EAP-TLS_EAP-PEAP       Included     Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries     Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	Certification					
Power Cord, Remote Controller, Batteries Power Cord, Remote Controller, Batteries		Security		: EAP-TLS, EAP-TTLS, EAP-PEAP	: EAP-TLS, EAP-TTLS, EAP-PEAP	
Stand		Included				
Assessment						
	Accessories	Ontion-I	Mount	WMN8200SF / WMN8200SG	WMN8200SG	
Optional Specialty		Optional	Specialty	-	-	
Media Player N/A N/A			Media Player	N/A	N/A	



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