

	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 1 of 15

**Model Name : OLMR-5550S
OLMR-5570S**

ISSU. DEPT	PREPARED BY	REVIEWED BY	APPROVED BY
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	2020/ 1/ 28		2020/ 1/ 28

	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 2 of 15

© Revisions History

Revision No.	Revised Date	Page	Revised Description
1.0	2020.01.28	All	Establishment

	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 3 of 15

CONTENTS

1. Application	4
2. Summary	4
3. Environmental Conditions	4
4. General Information	5
5. Specifications	6
5-1. Terminal Specifications	6
5-2. Terminal Description	6
5-3. Supported resolutions	7
5-4. Remote Cotrol	8
6. Accessory	9
6-1. Accessory	9
6-2. Optional Accessory.....	9
7. Product Drawing & Dimension	10
7-1. OLMR-5550S Drawing.	10
7-2. OLMR-5570S Drawing.	11
8. Label	12
8-1. Box Label	12
8-2. Serial Label	12
8-3 Product Label	13
9. Packing	14
9-1. Set Packing	14
9-2. Pallet Packing	15

	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 4 of 15

1. Application

This specification applies to Multi-LCD Sets OLMR-5550S/OLMR-5570S with 55" Razor Narrow Bezel LCD PANEL.

2. Summary

OLMR-5550S/OLMR-5570S are an infinitely expandable Razor Narrow bezel LCD Monitors. They can support various input sources such as Display Port, HDMI, DVI and PC.

They also support Full HD (1080P) resolution. They can support multiple control methods such as RS-232C, LAN and Remote Controller.

- ✓ Razor Narrow splicing bezel
- ✓ No delay and motion trail of graphics, natural and smooth display.
- ✓ Support up to 15x15 splicing units
- ✓ The screen has a 24/7 non-stop operating time
- ✓ Video Wall Processor built in
- ✓ Remote Display Management
- ✓ Landscape and Portrait, all metal chassis
- ✓ HDMI In, DP In, PC In, DVI In/Out
- ✓ RS-232C In/Out, Network port (RJ-45) for PC / sever control
- ✓ PIP / PBP / QUAD Displays
- ✓ Auto power recovery, auto pixel shift, standard VESA mounting hole patterns

3. Environmental Conditions

Item	Operating Condition		Storage Condition	
	Maximum	Recommend	Maximum	Recommend
Temperature	0 ~ 50 °C	5 ~ 35 °C	-20 ~ 60 °C	0 ~ 40 °C
Humidity	10 ~ 90 %RH	35 ~ 75 %RH	0 ~ 90 %RH	10 ~ 90 %RH

* If the condition exceeds maximum ratings, it can cause malfunction or unrecoverable damage to the device

	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 5 of 15

4. General Information

Product Name		55" RNB MLCD	
Model Name		OLMR-5550S	OLMR-5570S
Panel Type		IPS	
LCD Panel	Diagonal Screen Size	55 inch	
	Module Dimension (H x V)	1209.63 x 680.34	
	Number of Pixels (H x V)	1920 x 1080 (16:9)	
	Luminance of White (cd/m ²)	500	700
	Contrast ratio (Typ.)	1100 : 1	
	Backlight Type	Direct LED	
	Response Time (G to G)	Typ. 8 ms, Max. : 12ms	
	Viewing Angle	Viewing angle free (R/L 178° (Min), U/D 178° (Min))	
	Display Colors	1.07 Billion (10bit)	
	Surface Treatment	Hard coating (2H), Anti-Glare (Haze 28%)	
	Life time (Hrs, Min.)	50,000	
Input Signal	Support Resolution	VGA, SVGA, XGA, SXGA, UXGA 480p,576p,720p(50/60),1080i(50/60),1080p(50/60)	
	HDCP	Support	
	Frequency	H : 31.5 ~ 75 kHz, V : 60 Hz	
In/Output Terminal	Input	DP x 1, HDMI x 2, DVI x 1, VGA x 1, RS-232C x 1, LAN x1,	
	Output	DVI (For HDMI1, HDMI2 and DVI) x 1, RS-232C x 1	
Features	Temperature Sensor	Yes	
	De-Interlace	Yes	
	Noise Reduction	Yes	
	Splicing up to 15x15	Yes	
	Auto Fan Control System	Yes	
	Auto Pixel Shift	Yes	
	Auto Source Switching	Yes	
	Auto Sleep and Wake up	Yes	
	Auto Power Recovery	Yes	
	Color Temperature Adjust	Yes	
	Multi Language	English, Spanish, French, German...	
Power Supply		AC100V ~ 240V±10% (50/60Hz)	
Power Consumption	Maximum (W)	270	285
	Typ. (W)	230	250
	Stand-By (W)	≤ 0.5	
Seam Gap Multi Configuration (Typ. mm)		0.88 (Active to Active)	
Dimension (W x H x D mm)		1210.51 x 681.22x 88.6	
VESA Mounting (H x V. mm)		600 x 400	

	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 6 of 15

Weights (kg)	24
Orientation	Portrait / Landscape
Operation hour	24/7

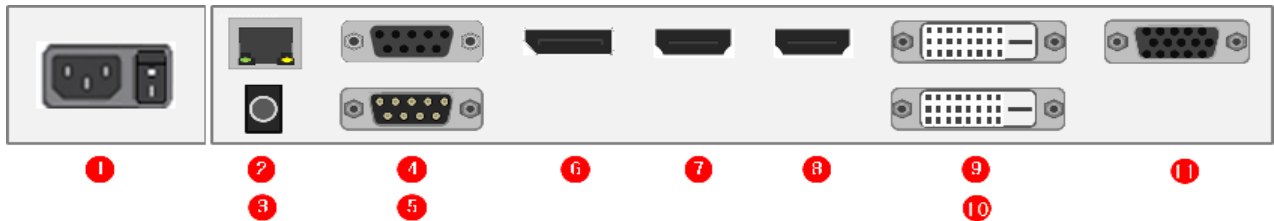
* Product design and specification can be changed for quality improvement without prior notice.

5. Specifications


5-1. Terminal Specifications

Terminal Name	Terminal Spec.	Signal Spec.	Input		Output		Daisy Chain	Remark
			Terminal Type	Q'ty	Terminal Type	Q'ty		
DP	Display Port Connector	Digital RGB	Female	1	-	-	-	
HDMI	HDMI Type A	Digital RGB	Female	2	-	-	-	
DVI	DVI-D 24Pin	Digital RGB (TMDS)	Female	1	Female	1	12sets	For HDMI1, HDMI2, DVI
VGA	D-Sub 15Pin	0.7Vp-p/75ohm	Female	1				
RS-232C	D-Sub 9Pin	Single-Ended Max In/Output Voltage :±15V	Female	1	Male	1	-	Straight Type [Not Twist]
LAN	RJ45	10/100 BASE-T	Female	1	-	-	-	
IR	Stereo Mini Jack 3.5Φ	-	-	1	-	-	-	Option

5-2. Terminal Description



- 1) AC IN: Connects with the supplied power cord.
- 2) LAN: For control by Ethernet, RJ45
- 3) IR: Use the remote control by connecting it to your monitor,
- 4) RS-232 IN: Connect RS-232C input from external equipment such as a PC in order to control RS-232C functions.
- 5) RS-232C OUT: Connect RS-232C output. To connect multiple monitors via RS-232C daisy Chain.
- 6) DP IN: To input Display Port signals
- 7) HDMI 1 IN: To input digital HDMI signals
- 8) HDMI 2 IN: To input digital HDMI signals
- 9) DVI IN: To input digital RGB signals from a computer or HDTV device having a digital RGB output.
- 10) DVI OUT: Connect DVI output. To connect multiple monitors via DVI daisy Chain.
- 11) VGA IN: To input analog RGB signals from a personal computer or from other RGB equipment.

	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 7 of 15

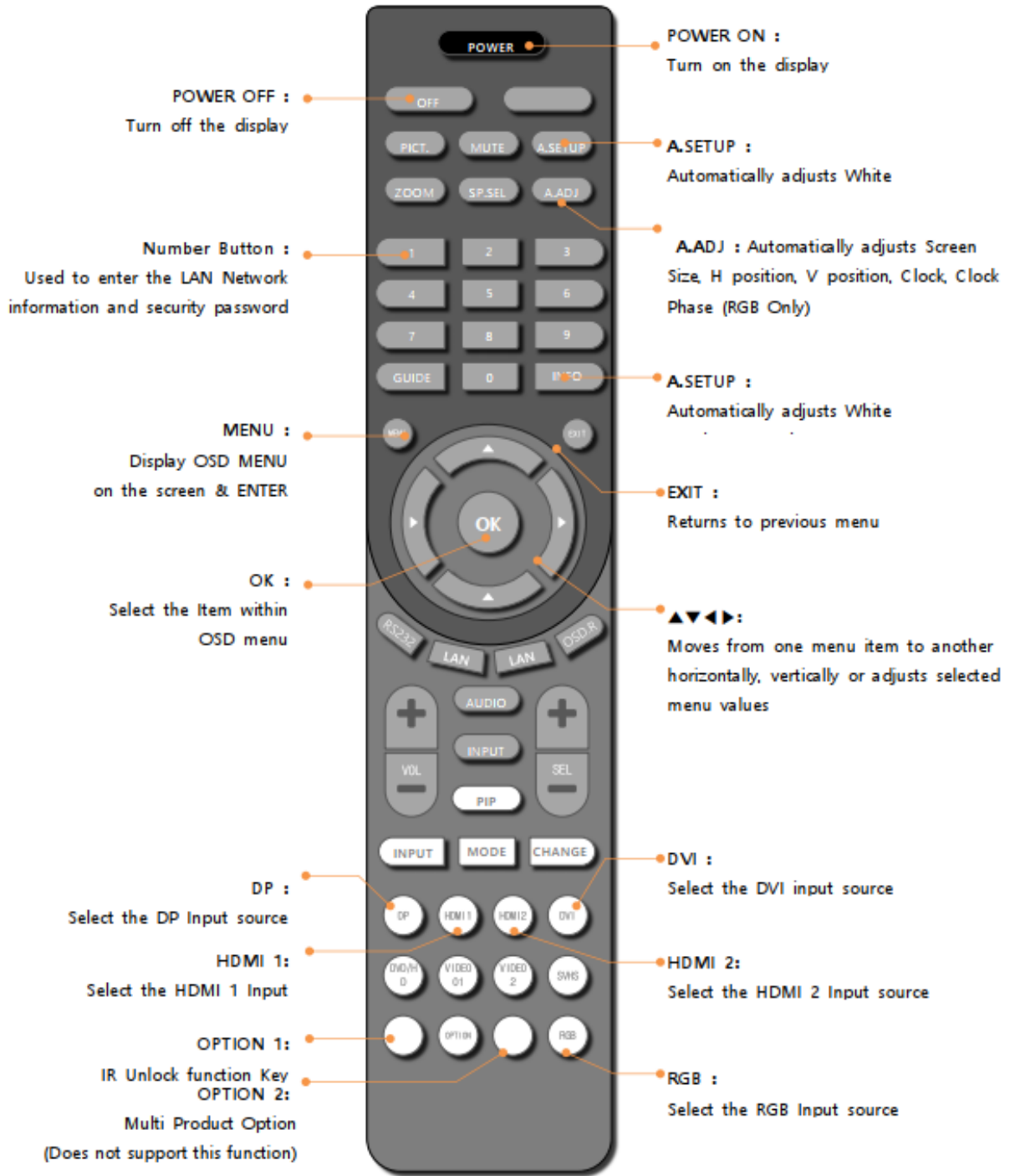
5-3. Support Resolutions


Resolution	Pixel Clock [Mhz]	Horizontal [Pixels]				Vertical [Lines]				Pol. (H/V)	Standard Type	Input
		Total	Addr. Width	Sync. Width	Back Porch	Total	Addr. Width	Sync. Width	Back Porch			
640*480*60	25.175	800	640	96	40	525	480	2	25	- / -	DMT	DP, HDMI, DVI, VGA
800*600*60	40.000	1054	800	128	88	628	600	4	23	+ / +	DMT	
1024*576*60	46.500	1296	1024	96	136	599	576	5	15	+ / +	VESA	
1024*768*60	65.000	1344	1024	136	160	806	768	6	29	- / -	DMT	
1280*768*60	79.500	1664	1280	128	192	798	768	7	20	- / +	CVT	
1280*960*60	108.000	1800	1280	112	312	1000	960	3	36	+ / +	CVT	
1280*1024*60	108.000	1688	1280	112	248	1066	1024	3	38	+ / +	DMT	
1360*768*60	85.500	1792	1360	112	256	795	768	6	18	+ / +	DMT	
1400*1050*60	121.750	1864	1400	144	232	1089	1050	4	32	- / +	CVT	
1600*900*60	118.250	2112	1600	168	256	934	900	5	26	- / +	CVT	
1600*1200*60	162.000	2160	1600	192	304	1250	1200	3	46	+ / +	DMT	
1920*1080*60	148.500	2200	1920	88	148	1125	1080	5	36	- / -	DTV	
480p	27.000	858	720	62	62	525	480	6	30	+ / +	DTV	DP, HDMI, DVI
576p	27.000	864	720	64	68	625	576	5	39	+ / +	DTV	
720p50	74.250	1980	1280	80	220	750	720	5	20	+ / +	DTV	
720p60	4.250	1650	1280	80	220	750	720	5	20	+ / +	DTV	
1080i50	74.250	2640	1920	88	148	1125	1080	5	20	+ / +	DTV	
1080i60	74.250	2200	1920	88	148	1125	1080	10	30	+ / +	DTV	
1080p50	148.500	2640	1920	88	148	1125	1080	5	36	- / -	DTV	
1080p60	148.500	2200	1920	88	148	1125	1080	5	36	- / -	DTV	

※ Vertical Frequency : Standard ± 0.5 Hz, Vertical Lines : Standards ± 7 Lines * H [dot] / V [line]

	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 8 of 15

5.4. Remote Control



	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 9 of 15

6. Accessory

6-1. Accessory

- 1) CD with User's Manual: 1 ea
- 2) Guide Pin: 4 pcs
- 3) Power Cable: 1 ea
- 4) DVI Cable: 1 ea
- 5) RS-232C Cable: 1 ea
- 6) IR Receiver: 1 ea
- 7) Remote Controller: 1 ea
- 8) Battery(AAA): 2ea



Manual CD
(Included MSCS)



Guide Pin(4pcs)



Power Cable



DVI Cable



RS-232C Cable



IR Receiver



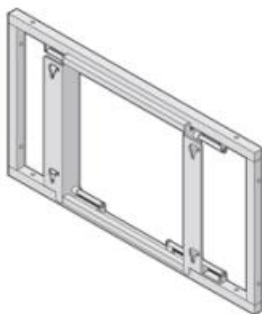
Remote Controller



Battery

6-2. Optional Accessory

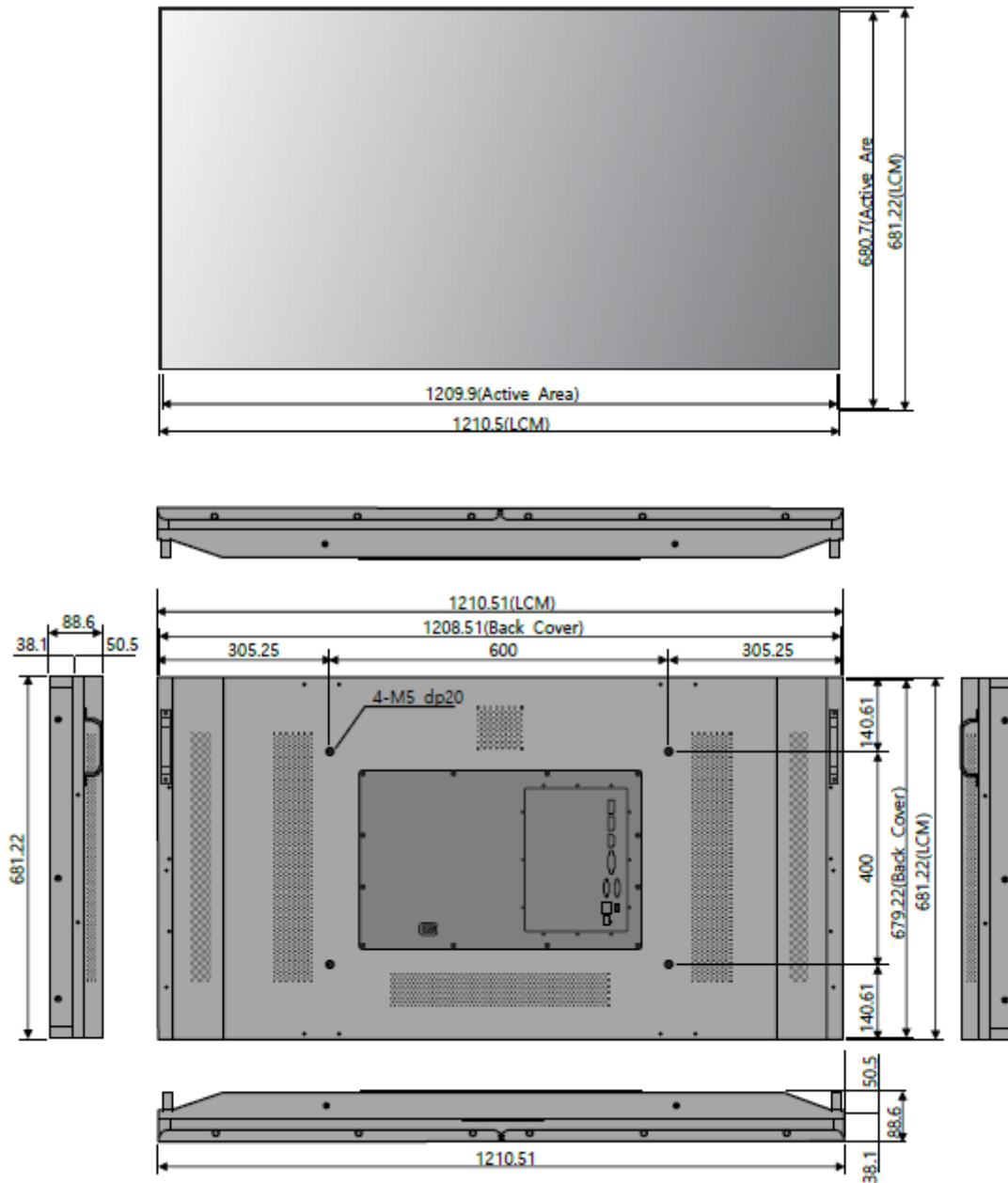
- 1) Main Frame



	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 10 of 15

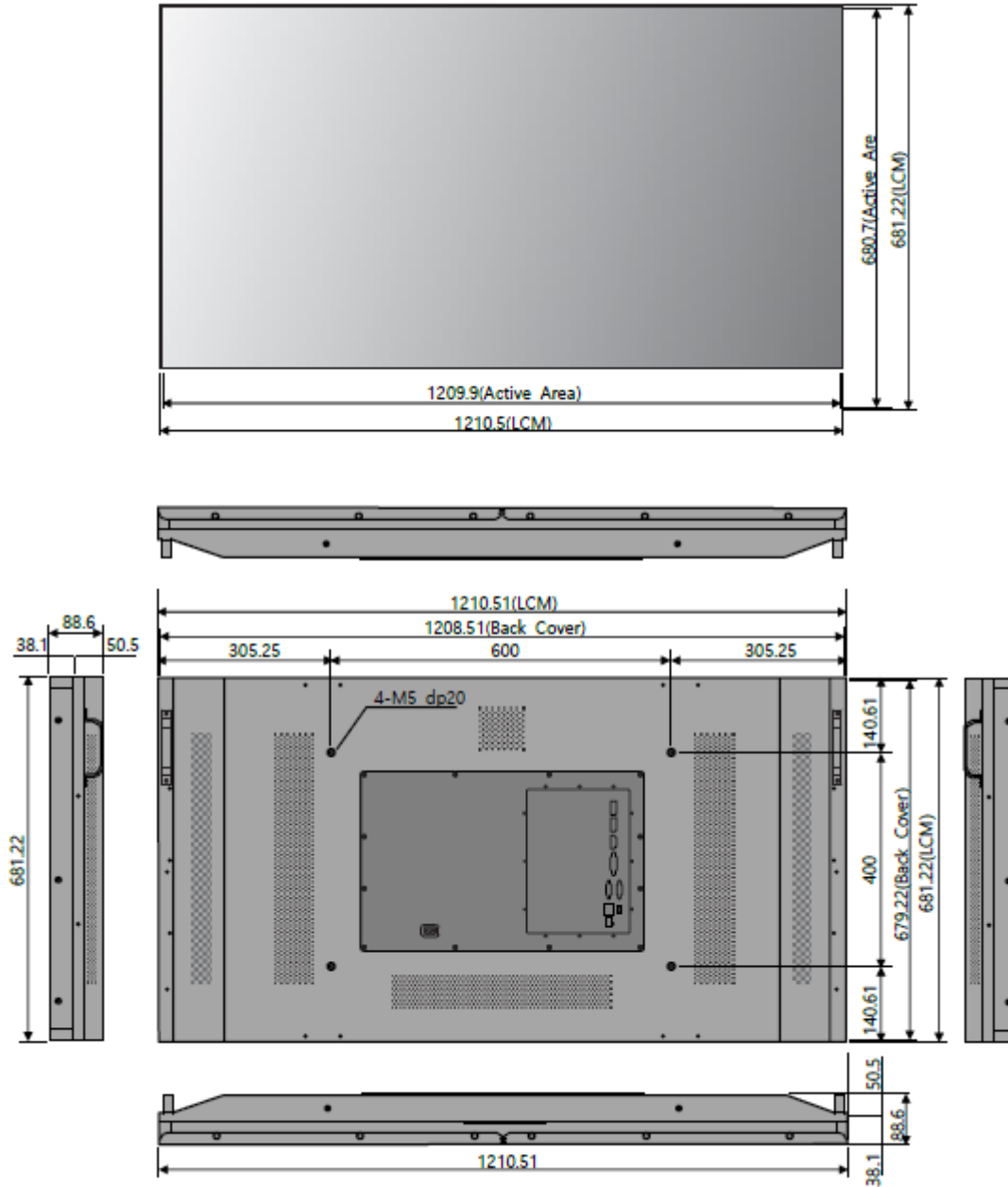
7. Product Drawing & Dimension

7-1. OLMR-5550S Drawing.



	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 11 of 15

7-2. OLMR-5570S Drawing.



	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 12 of 15

8. Label

8-1. Box Label

OLMR-5550S	<div style="border: 1px solid black; padding: 5px;"> <p>MULTI LCD</p> <p>OLMR-5550S </p>  <p>LMR55SA1G0H00001</p> </div>
OLMR-5570S	<div style="border: 1px solid black; padding: 5px;"> <p>MULTI LCD</p> <p>OLMR-5570S </p>  <p>LMR57SA1G0H00001</p> </div>

8-2. Serial Label

▶ Serial Number

Model Name	S/N
OLMU-5550S	LMU55SA1G0H00001
OLMR-5550S	LMR55SA1G0H00001
OLMR-5570S	LMR57SA1G0H00001

▶ Drawing

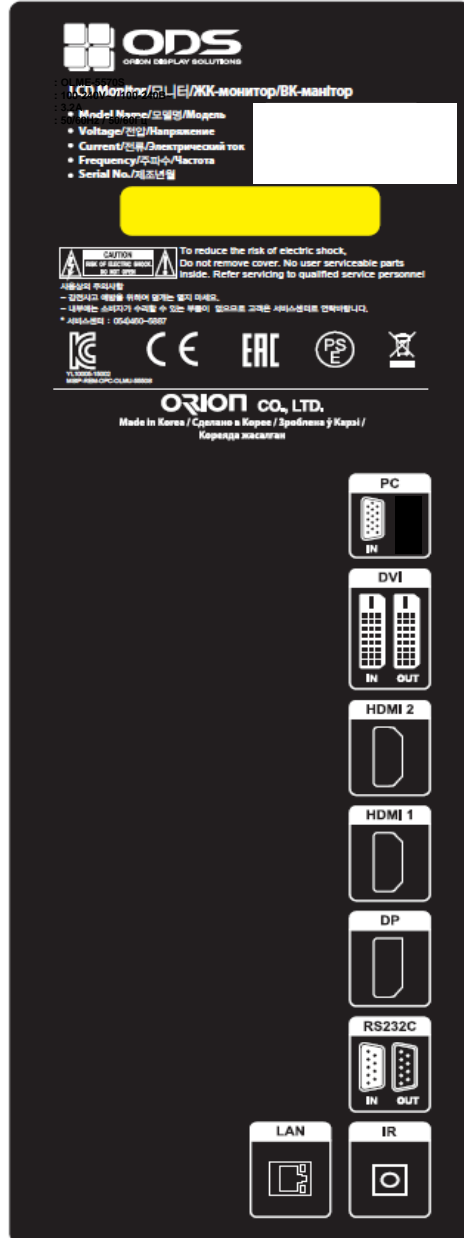


	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 13 of 15

8-3 Product Label

* OLMR-5550S

* OLMR-5570S



	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 14 of 15

9. Packing

9-1. Set Packing

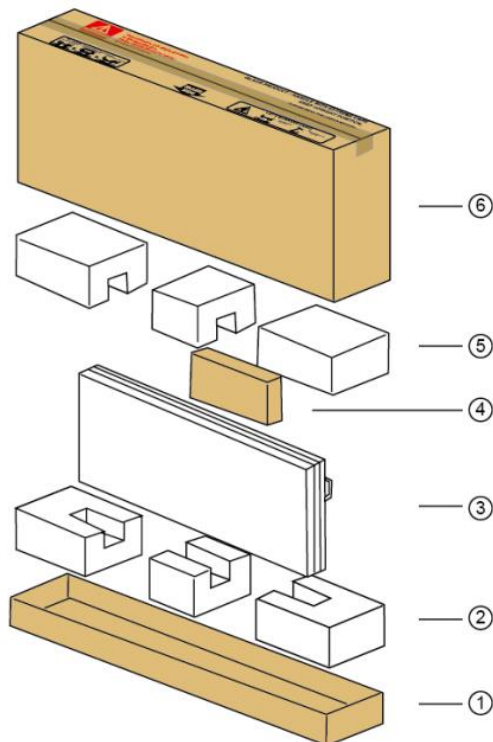
1) Box Packing Specifications

- Number of Set in 1 package: 1 Set

	OLMR-5550S	OLMR-5570S
Dimension (L x W x H)	1,400 x 225 x 840	
Weight (Kg)	31 ± 0.5Kg	

2) Box Packing Assembly Drawing

No.	Item
1	Carton Box Bottom
2	Bottom Pad Left, Bottom Pad Middle, Bottom Pad Right
3	MLCD Set
4	Accessory Box
5	Top Pad Left, Top Pad Middle, Top Pad Right
6	Carton Box Top



- a. Guide Pin
- b. RS-232C Cable
- c. Power Cord
- d. DVI Cable
- e. Manual CD (included MSCS)



	SPEC. No.	OMS-GW790278 OMS-GW790279	Revised Date	2020.01.28
	SPEC Name	Product Specification	Revised No	1.0
			PAGES	Page 15 of 15

9-2. Panel Packing

1. Pallet Packing Specifications

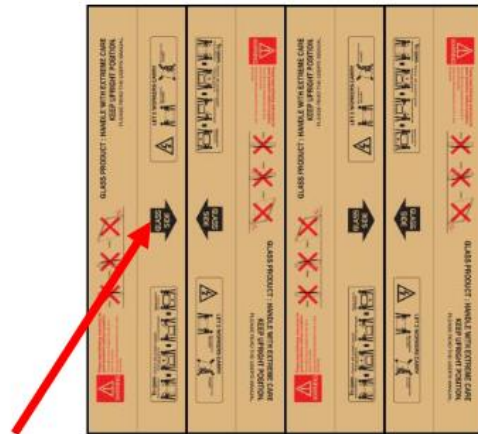
ITEM	OLMR-5550S / OLMR-5570S	
	FCL	LCL or Air
Number of Set in 1 package	4 boxes (4 monitor)	
Dimension (L x W x H mm)	1460 x 1130 x 950	1460 x 1130 x 1000
Weight(Kg)	148.7 ± 1	157.6 ± 2

2. Pallet Packing Assembly Drawing

- FCL Packing



- The loading direction of MLCD on the pallet



- LCL or Air Packing

