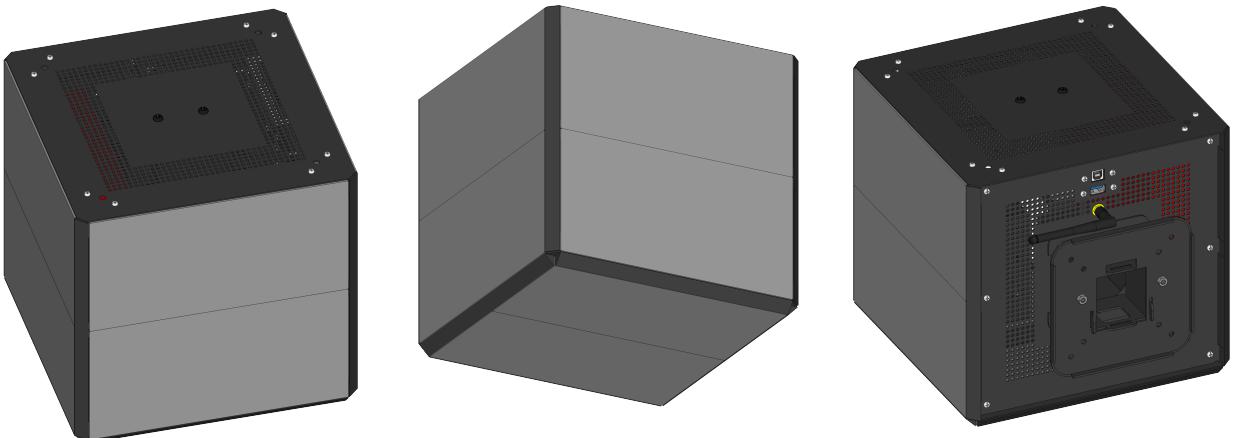


360 Signage Cube

(Wall Type)

Assembly Instructions



AVA Vision Inc.

[Document History]

No.	date	REV	Description	Remark
1	2022.04.13	0.1	Draft	BMK
2	2022.06.17	0.2	Ceiling & Stand, Wall로 구분, Module 변경	BMK
3	2022.07.05	0.3	Ceiling & Stand, Wall 분리	BMK

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1. Overview

1.1. Electrical Part List

Part Name	Specification	Units
LED Module	Indoor soft led module 240 x 120mm with magnet	8
Synchronous Sending Card	HD-T901	1
Receiving Card	HD-R512T	4
Set-top Box	RK3328, RAM 2GB DDR4, Quad-Core ARM Cortex-A53, 64-Bit, 16GB eMMC Flash, DC 12V / 1.5A (Antenna 포함)	1
Power Supply	220VAC Input, 5VDC/60A Output, 300W, Made in Korea	1
Cord Connector (AC Concent)	접지 노출 1구 코드콘넥터 (나사타입)	1
Termina Block	고정식 단자대 JOTB 20-3P, 220VAC, 2.5kA / 3kA,	1

[Table 1] Electrical Part List

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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1.2. Mechanical Part List

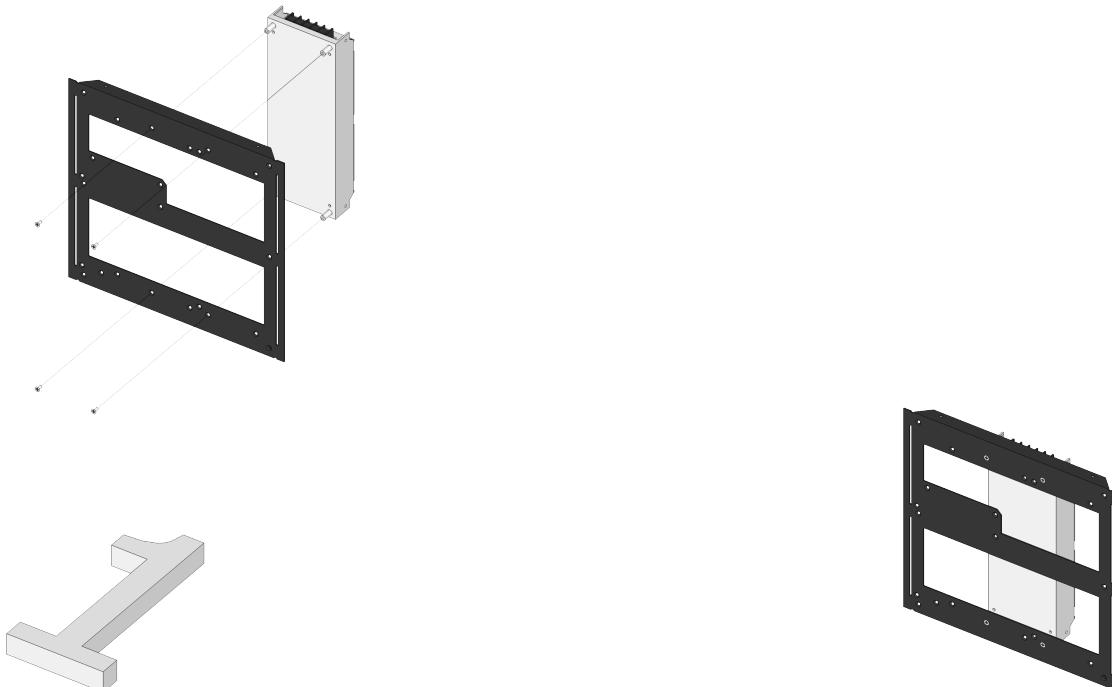
Part Name	Specification	Units
Bottom Plate	3001-020-0052, Cube 240-240, 1.2mm Thickness, SPCC, Black Powder Coating	1
Bottom Plate (M)	3001-022-0052, Cube 240-240, 1.2mm Thickness, SPCC, Black Powder Coating	1
Inner Top Plate	3001-020-0053, Cube 240-240, 1.2mm Thickness, EGI	1
Left & Right Plate	3001-022-0055, Cube 240-240, 1.2mm Thickness, SPCC, Black Powder Coating	2
Front & Rear Plate	3001-020-0058, Radius 350-240, 1.2mm Thickness, SPCC, Black Powder Coating	1
Rear Plate	3001-021-0058, Radius 350-240, 1.2mm Thickness, SPCC, Black Powder Coating	1
Controller Bracket	3001-022-0020, 1.2mm Thickness, MGI	1
Mounting Wall Bracket Top	3001-022-0050, 2.0mm Thickness, SPCC, Black Powder Coating	1 Option
Mounting Wall Bracket Bottom	3001-022-0051, 3.0mm Thickness, SPCC, Black Powder Coating	1 Option
Mounting Wall Bracket	3001-022-0052, 3.0mm Thickness, SPCC, Black Powder Coating	1 Option

[Table 2] Mechanical Part List

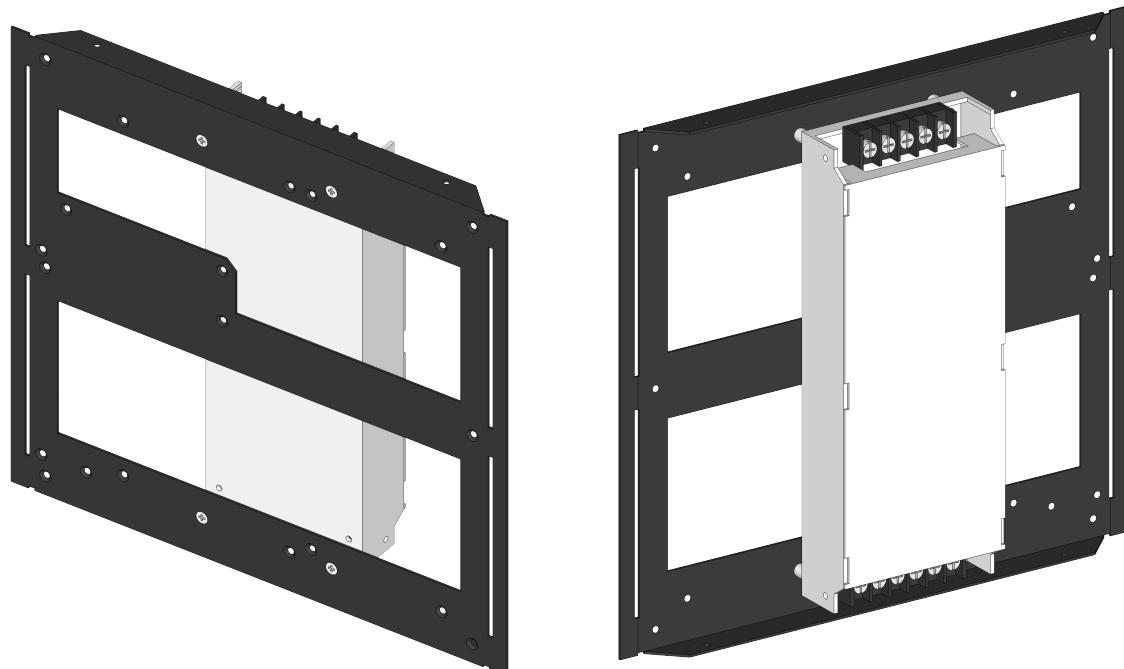
 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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2. Assembly Process

2.1. Front Plate 조립



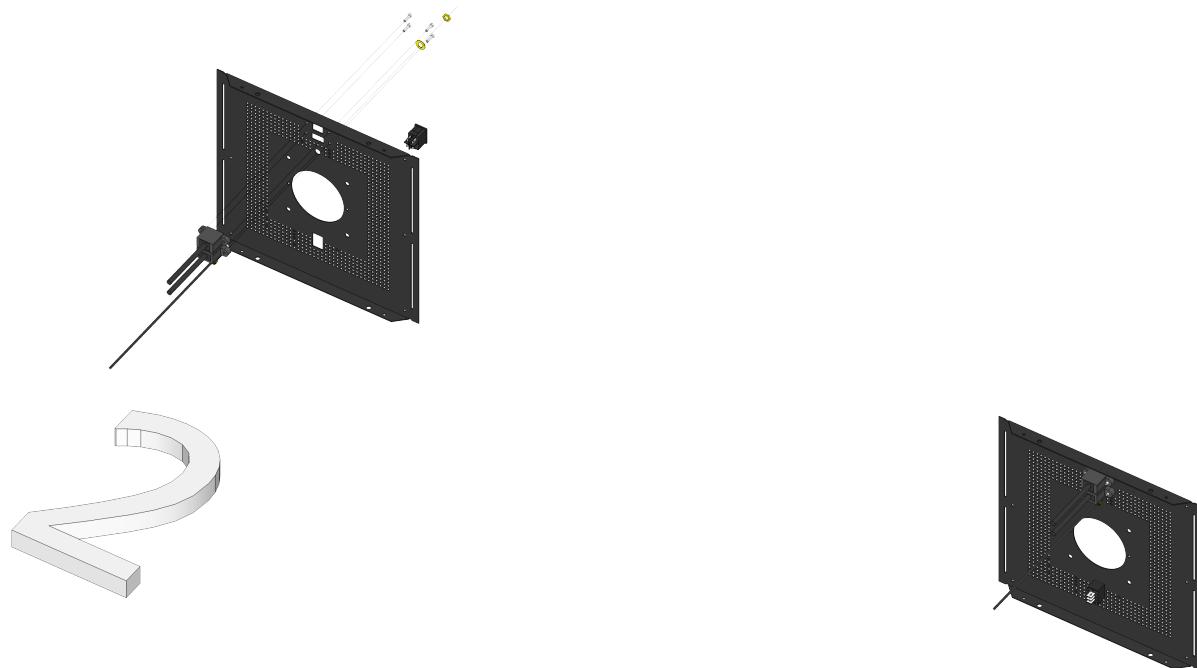
- M3 x 6mm 소두 접시머리(검정) 볼트 4개소, M3 x 10mm Stand Off 4개소



[Picture 1] Front Plate 조립

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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2.2. Rear Plate 조립



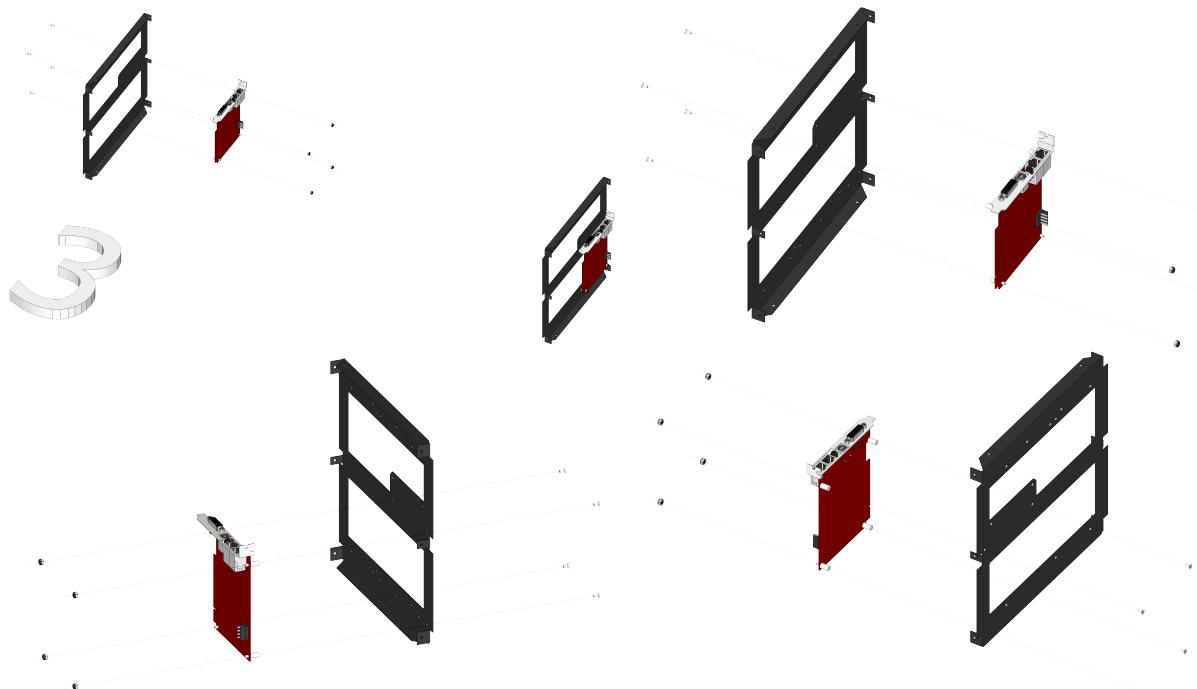
- M3 x 6mm 등근머리(검정) 볼트 6개소, Power Switch 1개
- USB-A 연장케이블 1개, USB-B 연장케이블 1개, WiFi/BT 연장케이블 1개



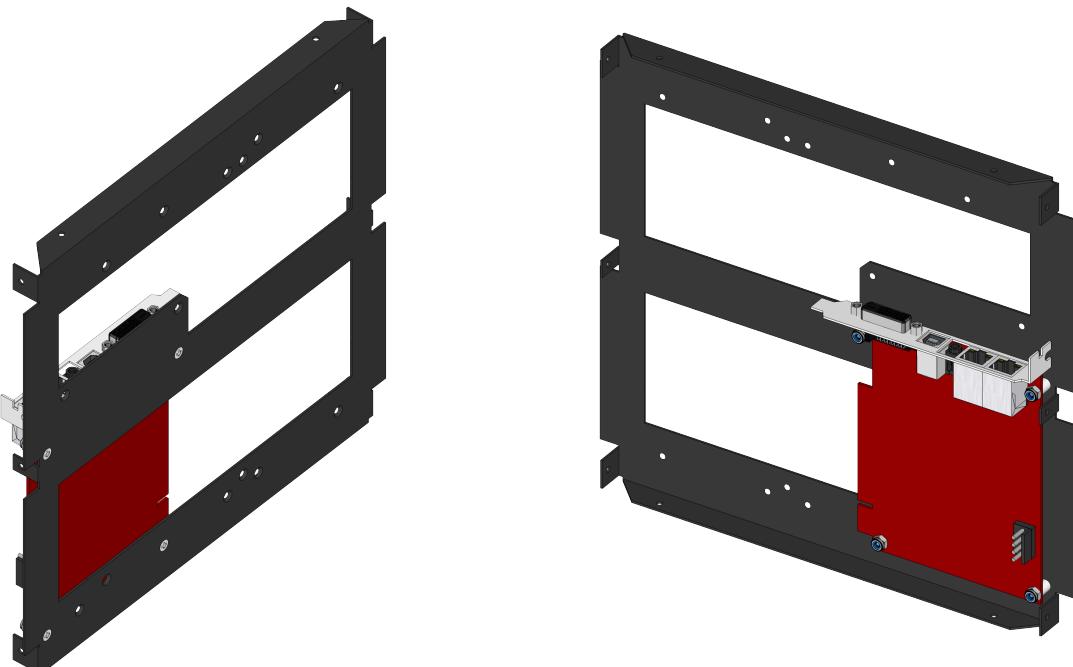
[Picture 2] Rear Plate 조립

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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2.3. Left Plate 조립



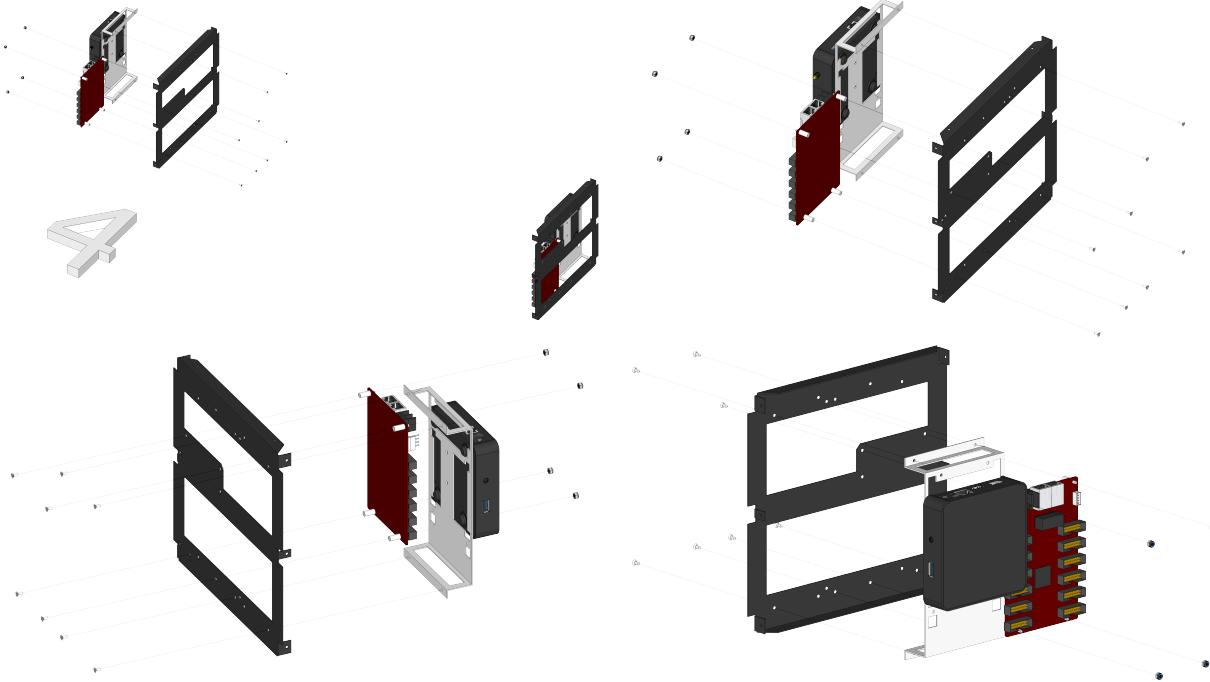
- M3 x 6mm 소두 접시머리(검정) 볼트 4개소
- M3 x 10mm Stand Off 4개소, M3 Nylon Nuts 4개소



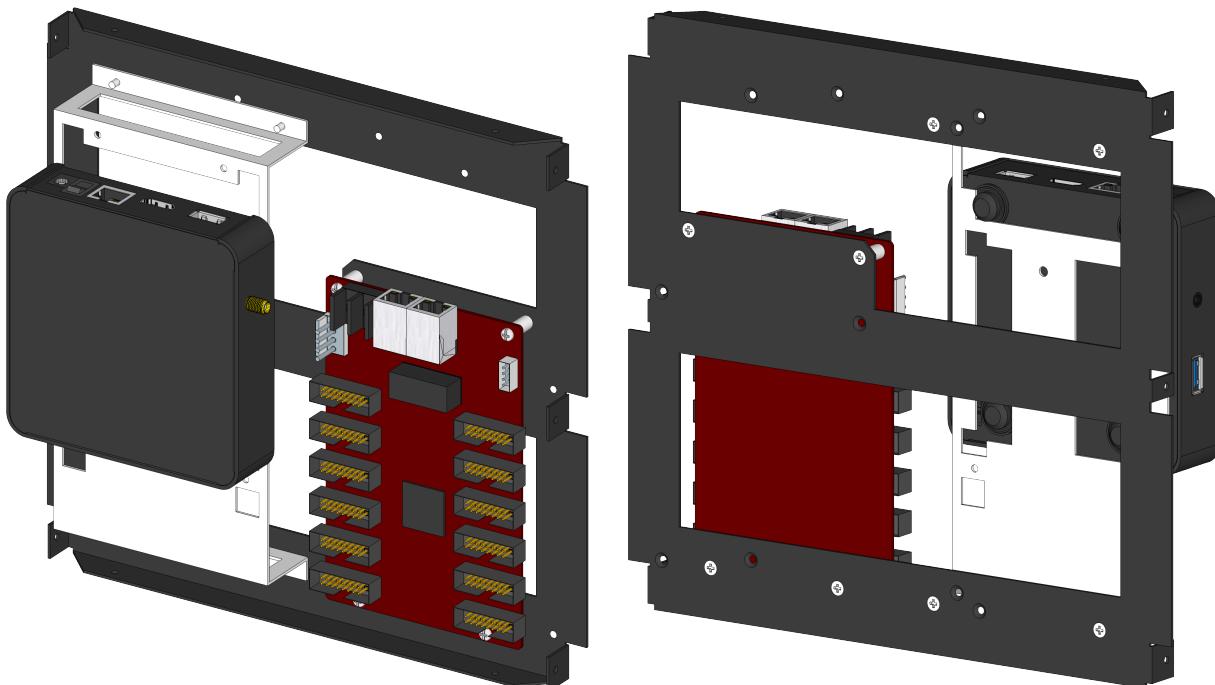
[Picture 3] Left Plate 조립

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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2.4. Right Plate 조립



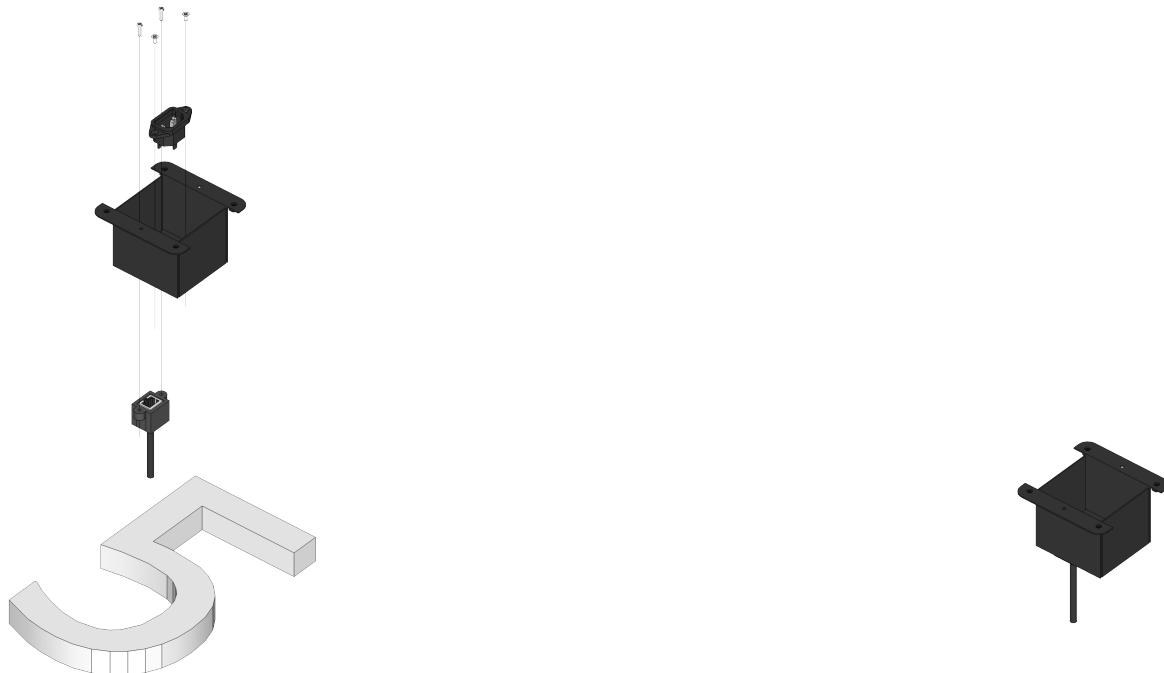
- M3 x 6mm 소두 접시머리(검정) 볼트 8개소
- M3 x 10mm Stand Off 4개소, M3 Nylon Nuts 4개소



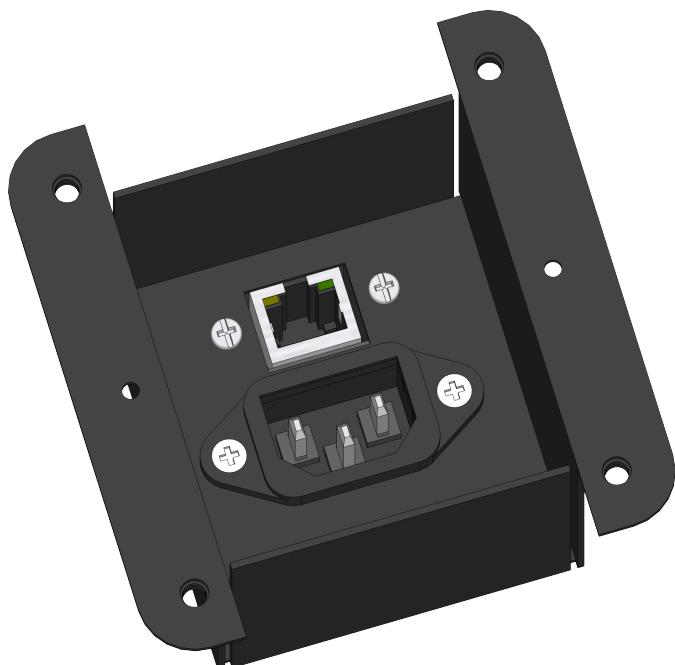
[Picture 4] Right Plate 조립

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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2.5. Inner Top Plate 조립



- M3 x 6mm 등근머리(검정) 볼트 2개소, RJ45 연장케이블 1개
- M3 x 6mm 소두 접시머리(검정) 볼트 2개소, AC Socket 1개



[Picture 5] Inner Top Plate 조립

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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2.6. Rear Plate 조립



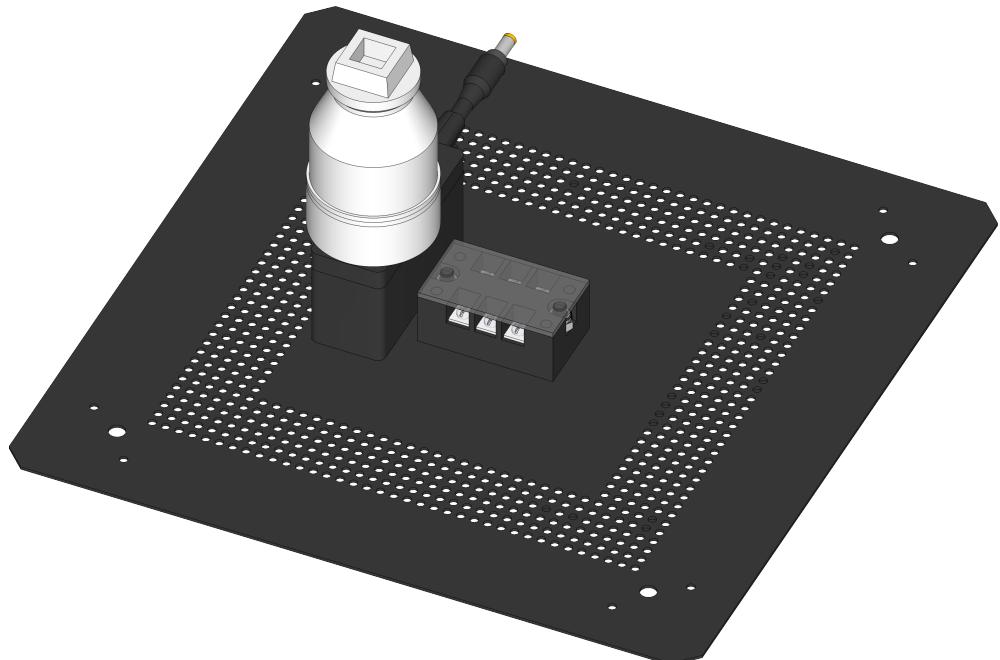
[Picture 6] Rear Plate 조립

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
	Date	2022-07-05	Revision	0.3

2.7. Bottom Plate 조립



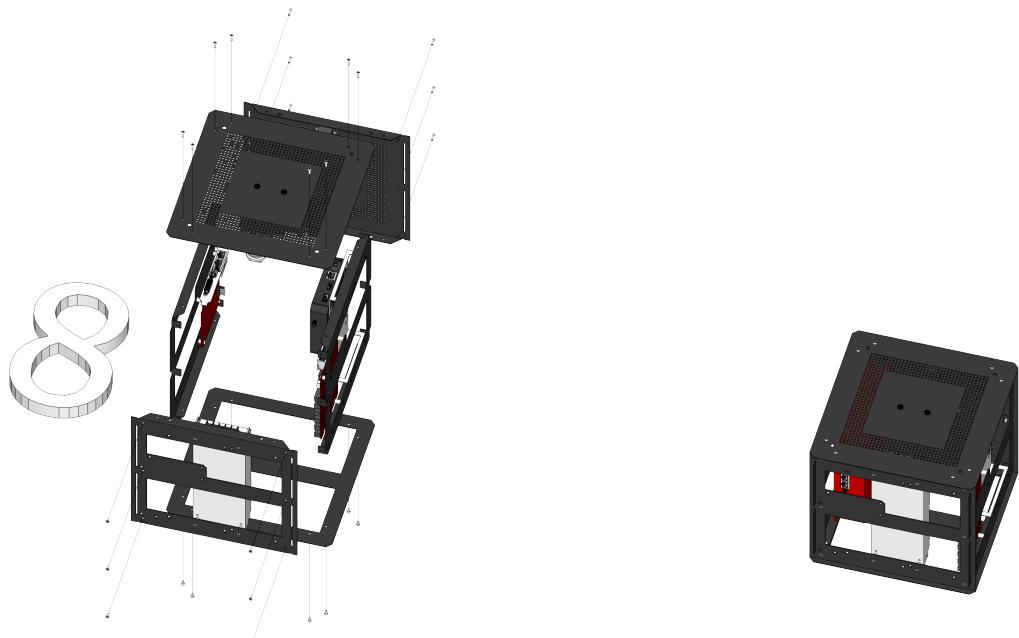
- M4 x 15mm 등근머리(검정) 볼트 2개소, M4 Nyron Nuts 2개소
- 3M 양면테이프, 코드코넥터 1개, STB AC Adaptor 1개



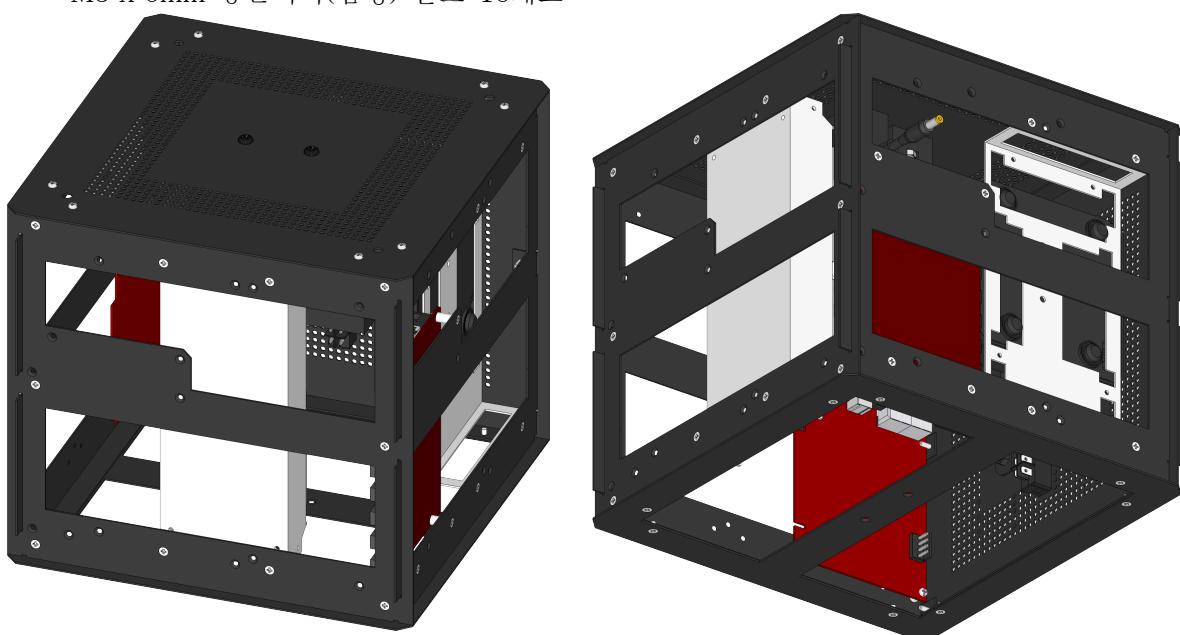
[Picture 7] Bottom Plate 조립

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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2.8. Assembly



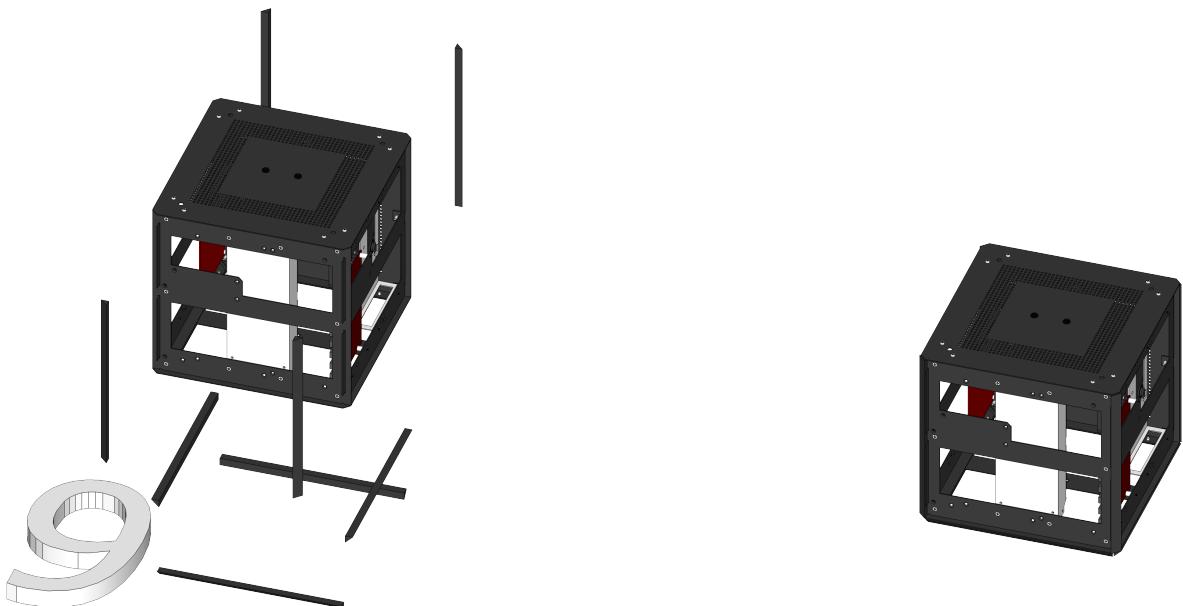
- M3 x 6mm 소두 접시머리(검정) 볼트 12개소
- M3 x 6mm 둥근머리(검정) 볼트 16개소



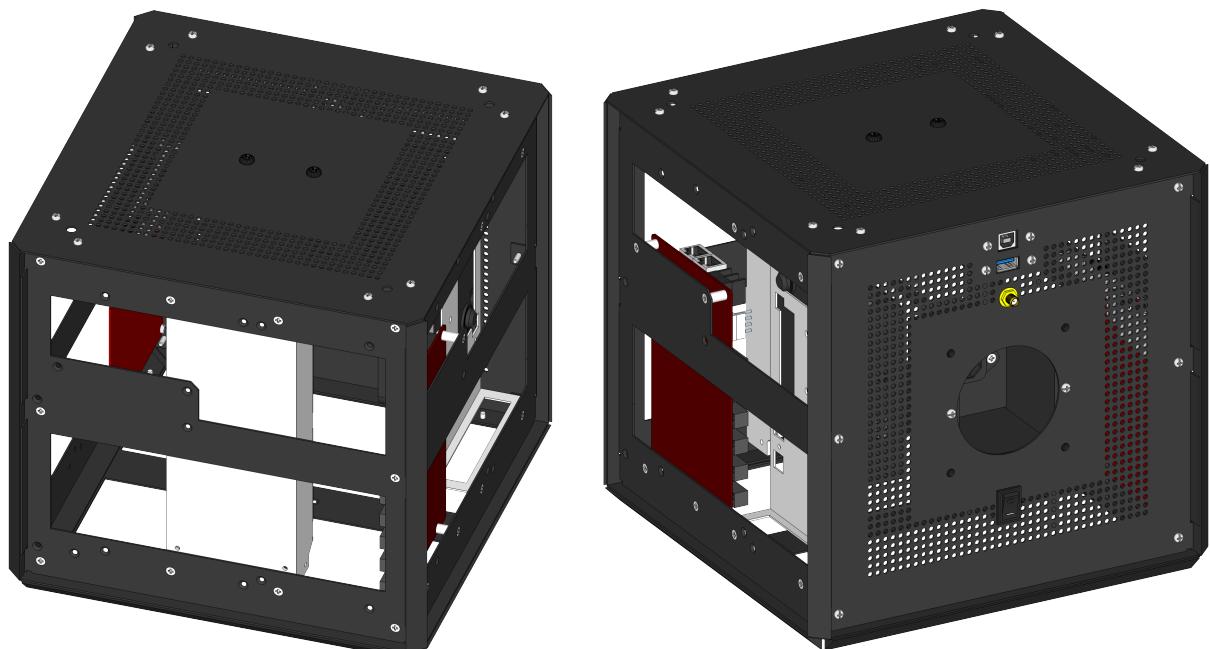
[Picture 8] Assembly

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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2.9. Chamfer 조립



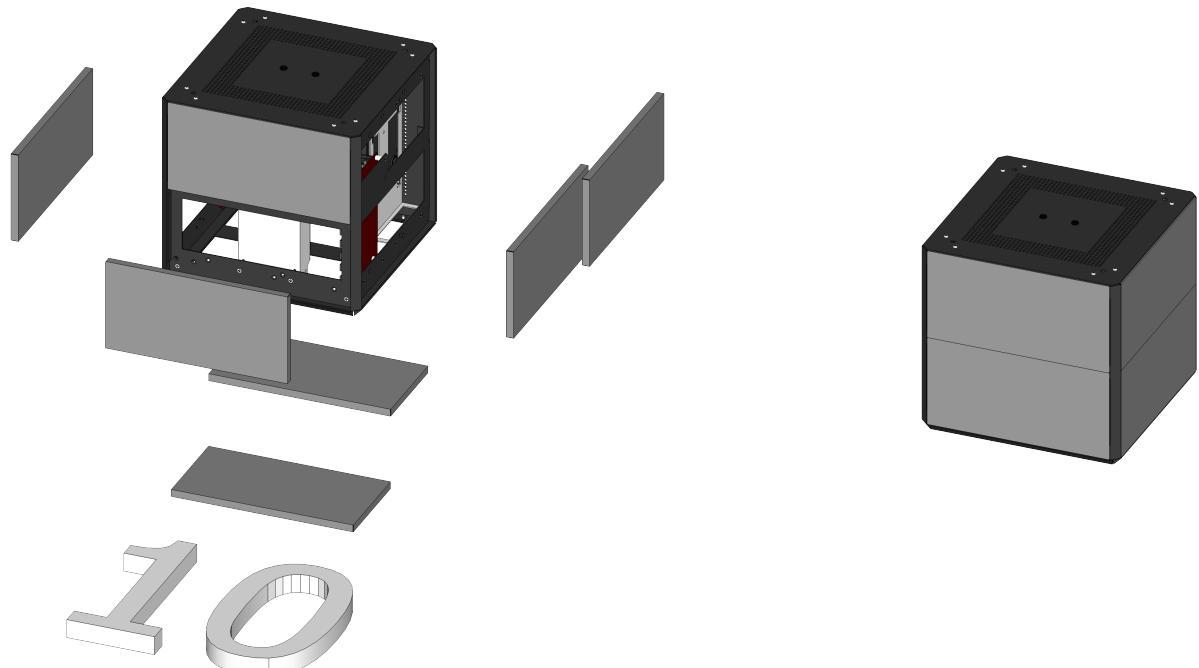
- 8mm x 8mm Chamfer 8개소



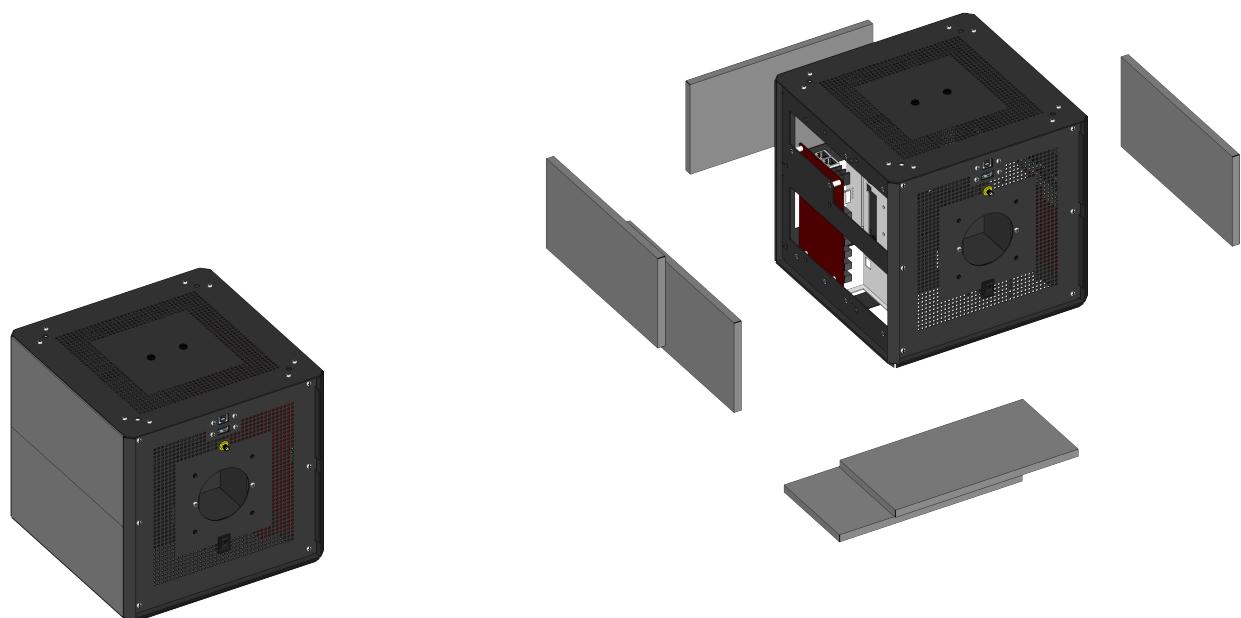
[Picture 9] Chamfer 조립

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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2.10. LED Module 조립



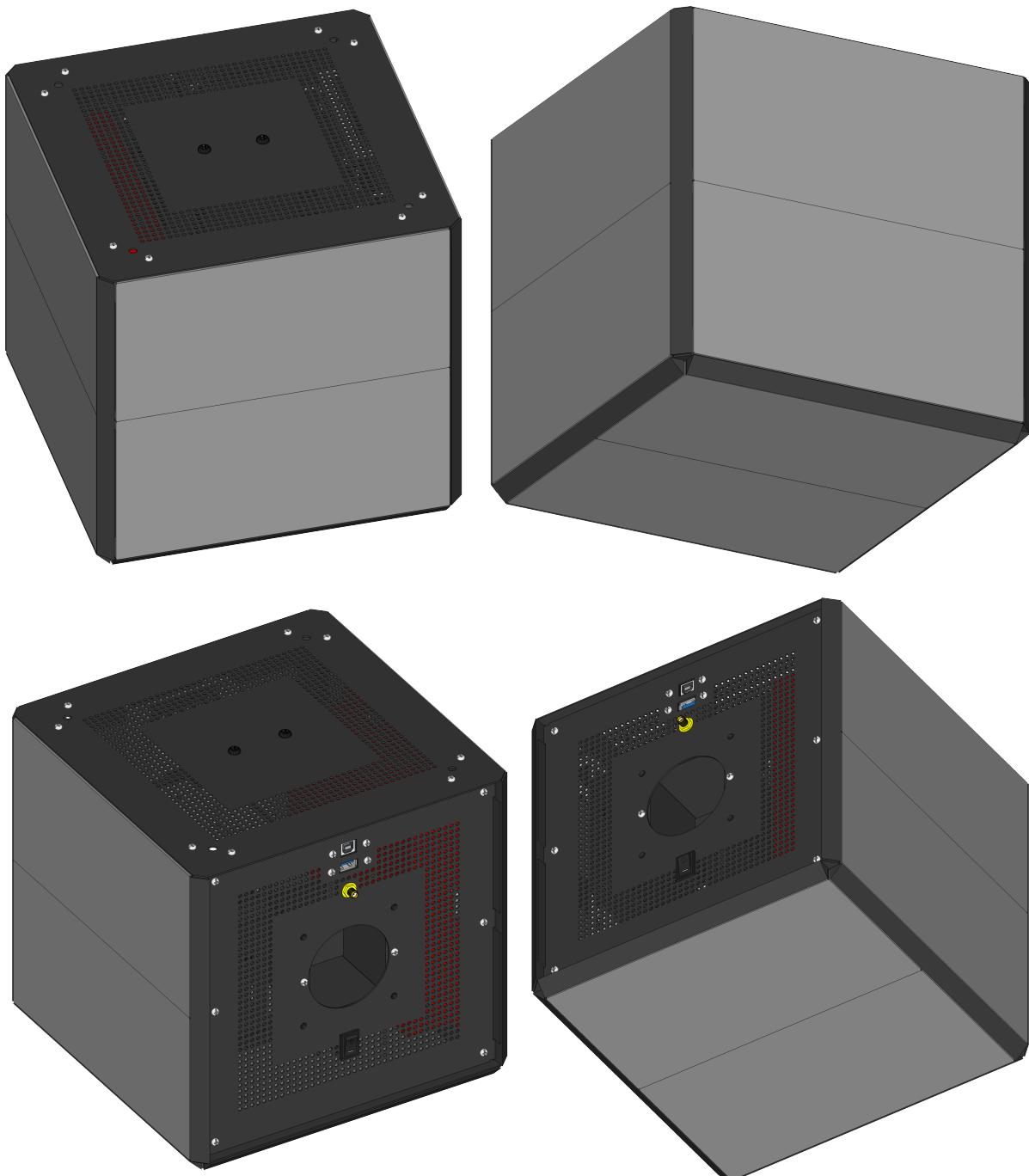
- LED Moduel 240mm x 120mm 8개



[Picture 10] LED Module 조립

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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2.11. 완성도

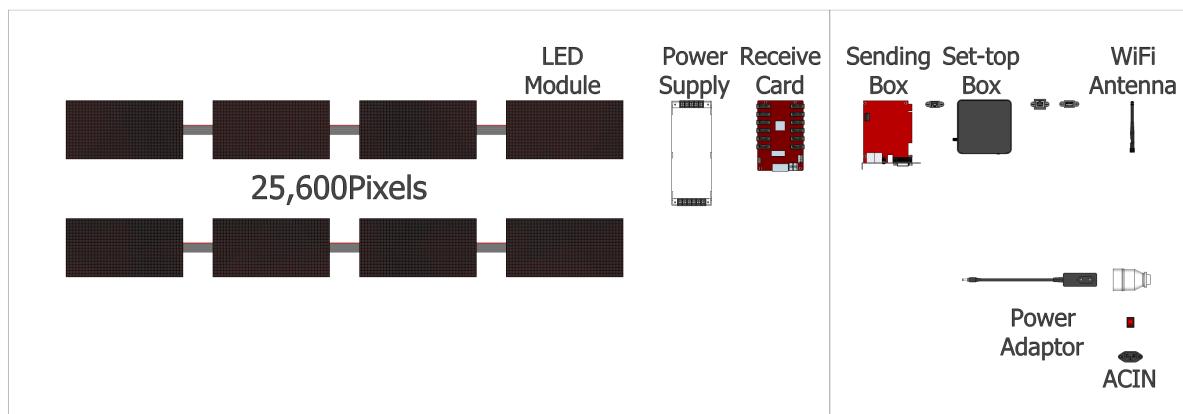


[Picture 11] 완성도

 [주] 아바비전	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
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3. 구성 및 연결

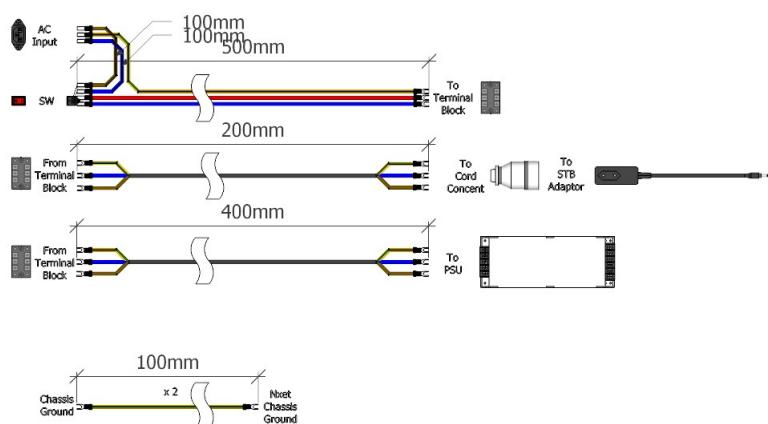
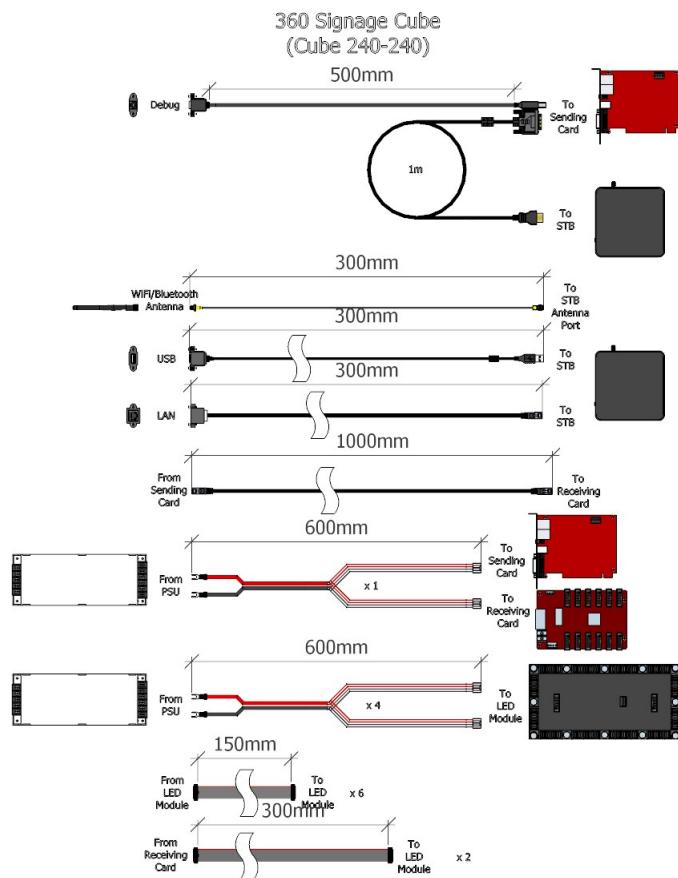
3.1. System Configuration



[Picture 12] System Configuration

 [주] 아바비전 Audio Visual Applications	Product	360 Signage Cube (Wall Type)	Document name	Assembly Instructions
	Date	2022-07-05	Revision	0.3

3.2. System Electric Wiring Diagram



[Picture 13] System Electric Wiring Diagram