VIVISOMA

Installation Guidance for P1.25 led project

Indoor led display P1.25
Screen size: 24m*1.35m
Total cabinet quantity: 160pcs（40x4）
Screen Resolution: 19200*1080

Summary

D01	D02	D03	D04	D05	D06	D07	D08	D09	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22	D23	D24	D25	D26	D27	D28	D29	D30	D31	D32	D33	D34	D35	D36	D37	D38	D39	D40
C01	C02	C03	C04	C05	C06	C07	C08	C09	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37	C38	C39	C40
B01	B02	B03	B04	B05	B06	B07	B08	B09	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40
A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40

Cabinets Layout (Front View）

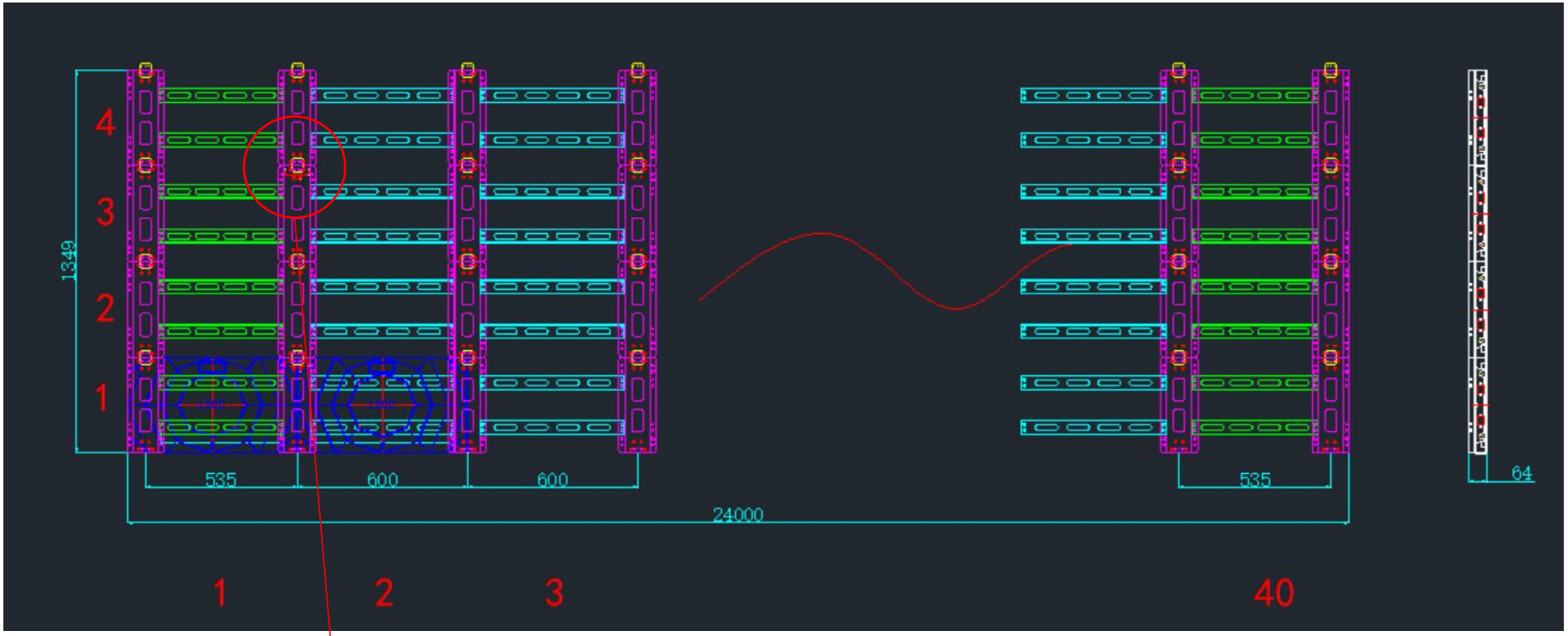
Note：
1. Install the cabinets according to the serial# as listed in above picture.
(Serial# mark in backside of each cabinet)

2. Lan cable total 40pcs from top to bottom,signal-in from D01-C01-B01-A01, D02-C02-B02-A02...

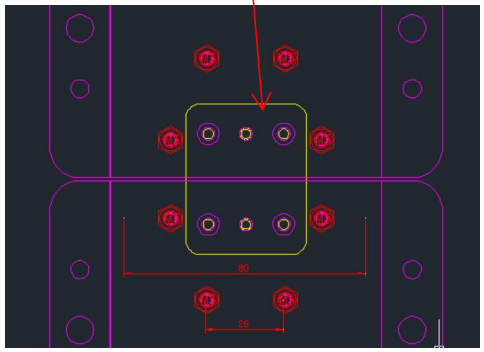
3. Power cable total 14pcs,each cable loads 12cabinets max, each power-in starts from A03-B03-C03-D03-D02-C02-B02-A02-A01-B01-C01-D01...

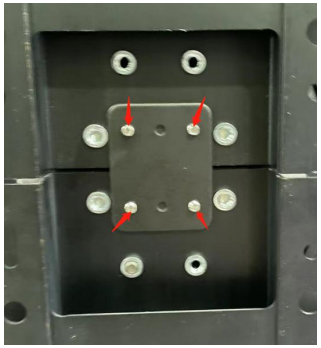
4. Pls be more careful when attaching modules on cabinets, as for much narrower pixel pitch led lamps are used for this project.

Step 1
Install brackets on the wall by using expansion screws



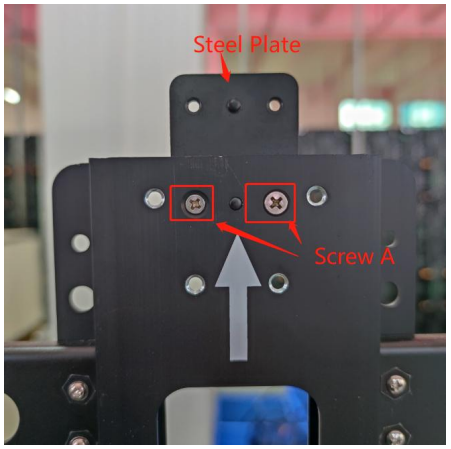
Brackets layout(check CAD for details)





Details for steel plate

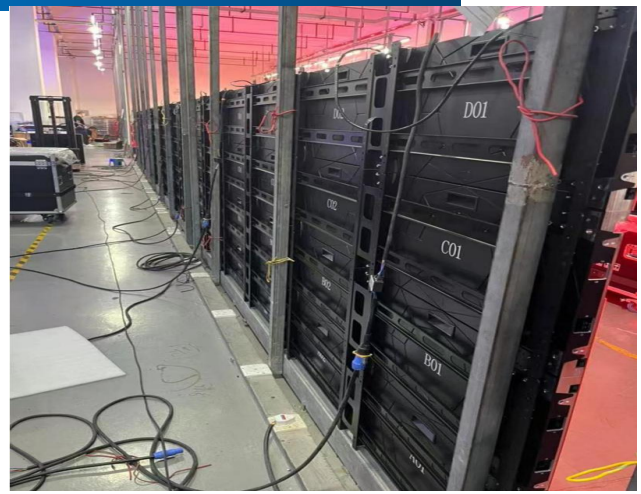
Steel plate here to fix the brackets togeter, 4 screw-A go through from front side of the brackets.



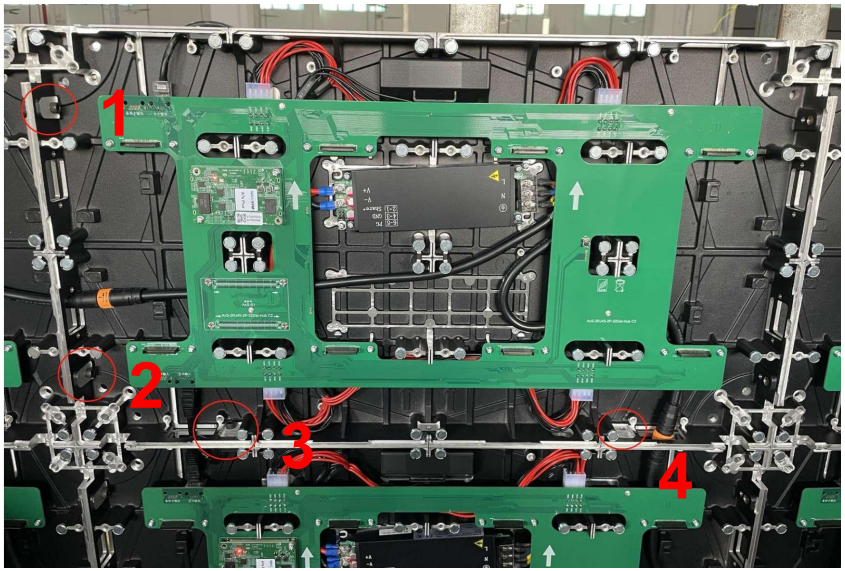
Front side

Step 2
Install cabinets on the brackets

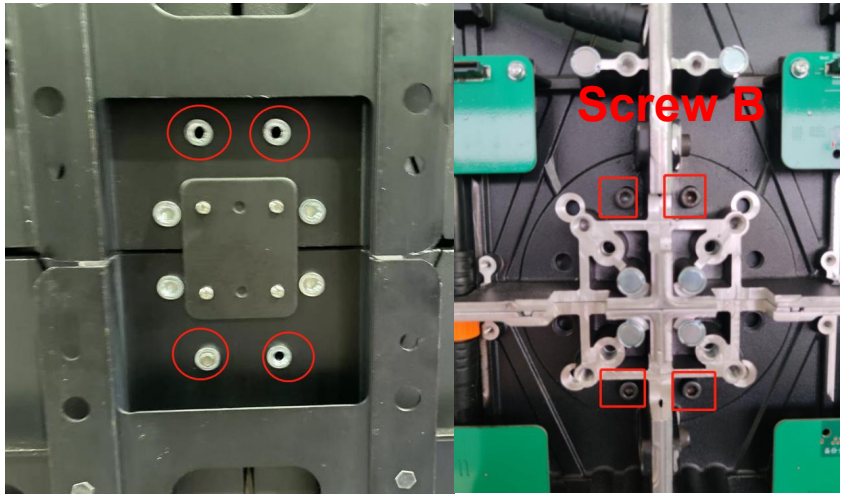
Front side



Back side



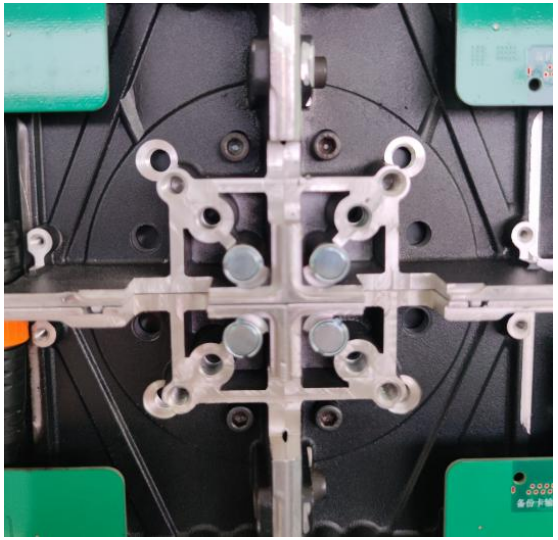
Cabinet to Cabinet fixing by using 4 screw-B.

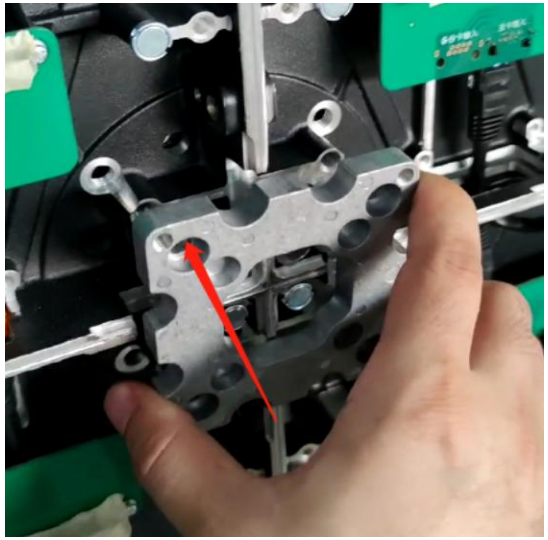


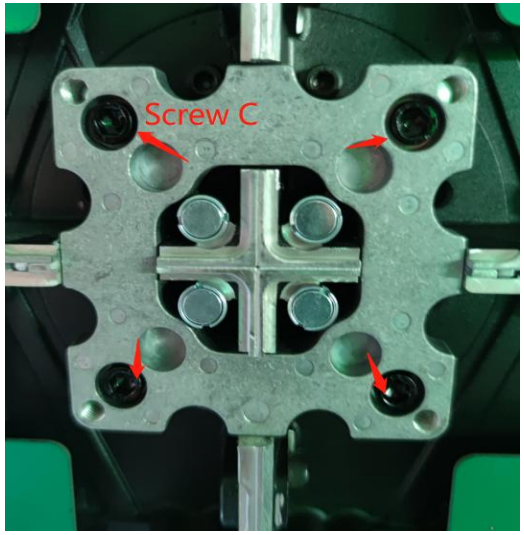
Back side Front Side

Cabinet to bracket fixing by using 4 screw-B

Join 4 cabinets together by inner steel plates

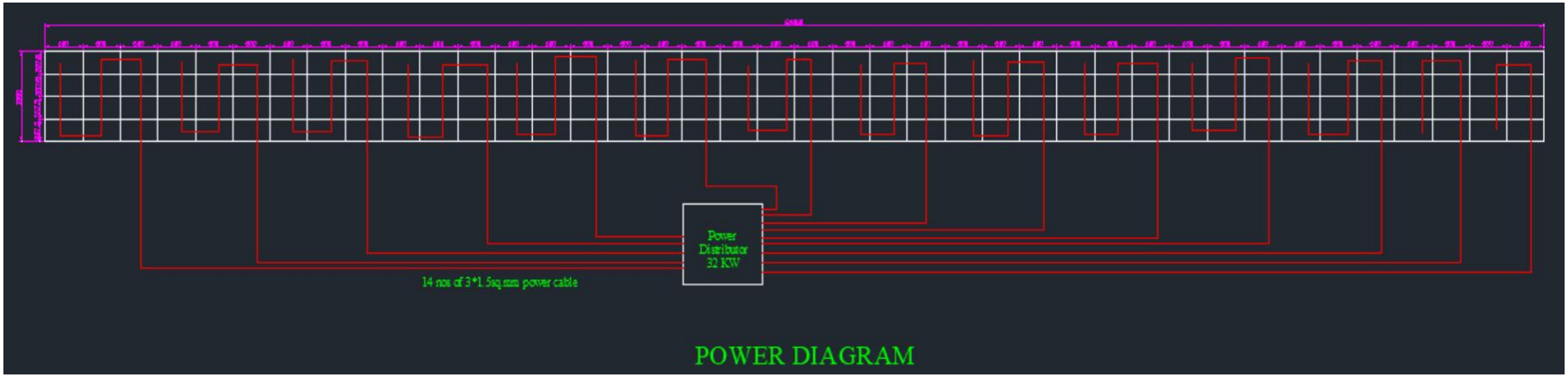






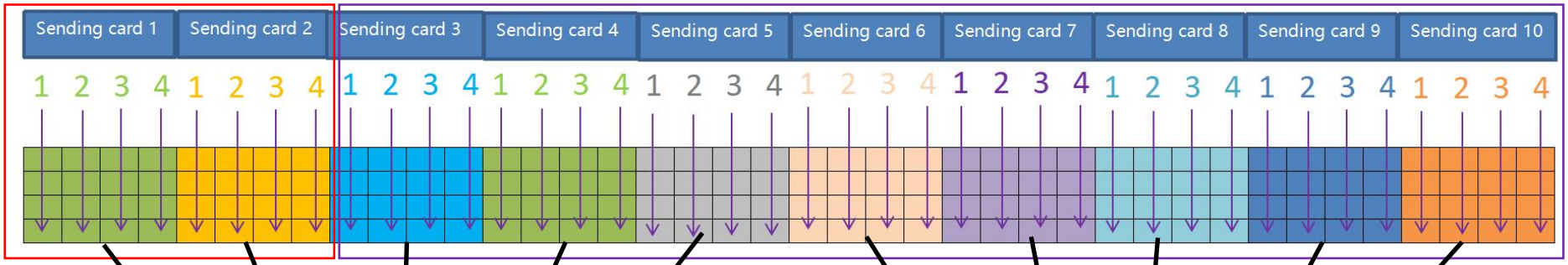
Use Screw C(4pcs) to fix 4 cabinets with the inner steel plate.

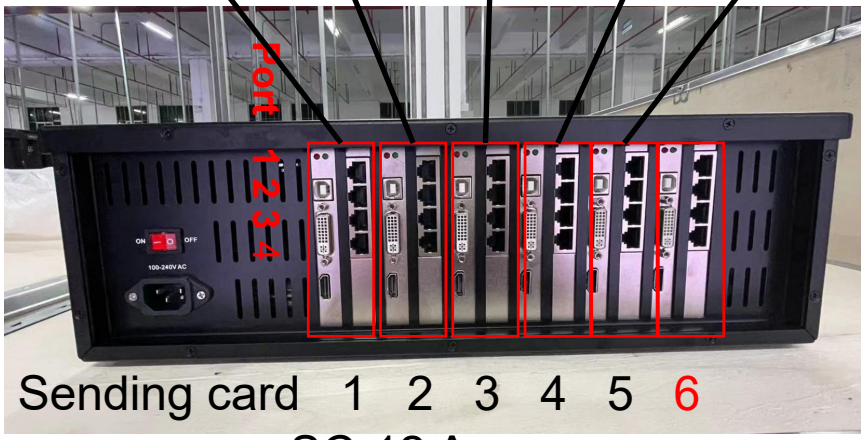
Step 3
power cables connection inside the cabinet.



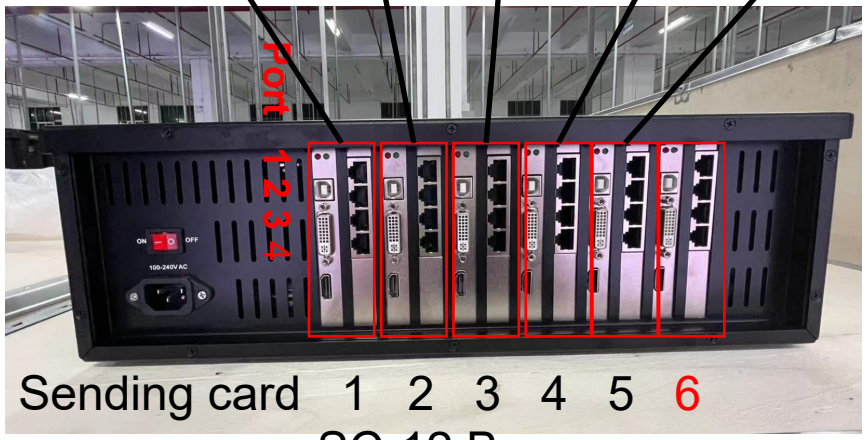
Note:
1.Connect the power cables as the drawing, considering space limit inside the cabinet, we designed different lengths of power cables for designated location cabinet.
2. Each main cable loads 12 cabinets Max,total 14 cables will be used.
We equipe with 40kw power distributor with total 15 outputs(1 spare output)

Step 4
Lan cables connection inside the cabinet.





SC-12 A



SC-12 B

*Sending card 6 for spare

mini DP to HDMI

SD800

DP to HDMI

SD2000

Note:

1. Sending Card 6 in each SC-12 for spare part.
2. SC-12 A and SC-12 B marked on the top of devices.
3. Port 1 and 2 of SD800 connect with HDMI-IN of send card 1 and 2 on SC-12 A.
4. Port 1~8 of SD2000 connect with HDMI-IN of sending card 3,4,5 on SC-12 A and sending card 1,2,3,4,5 on SC-12B accordingly.
5. For SD800, use MINI DP to HDMI converter+ HDMI cable(total we give 9pcs hdmi cable)
6. For SD2000, use DP to HDMI cable(Total we give 10pcs)