

YAAN INC.

YA5309 INDOOR/OUTDOOR PAN/TILT DOME

YB5309 -----

INSTALLATION GUIDANCE

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MANNUAL PAN/TILT 6

1. BASIC STRUCTURE 6

2. INSTALLATION WAY 6

IMPORTANT MEASUREMENTS

1. Before installation, pls read carefully with instruction and keep it as careful for needing of later.
2. Observe warnings in instruction or on device, observe indications of all.
3. Turn off the power before get cleaning for device, don't clean device with liquid or spray, better with wet cloth for cleaning.
4. Use parts of suggested by our distributor or us. Otherwise it will cause damage.
5. To prevent falling of device, don't carry device by wagon unstable, or put device on mounting media or bracket in same situation.
6. To move carrying media carefully which loading device on.
7. Use the device as indicated power; pls contact us if you don't sure about scene's power.
8. Protect well the power cable, especially the part of plug or camera output.
9. Keep short of cable for preventing over load, which will cause fire or power leaking.
10. To avoid with irrelative thing's inputting or spell corrodible liquid onto device.
11. Don't install device on unfastened bracket wall or proof, otherwise, it will cause danger.
12. Don't attempt to repair by self, because it will cause danger after opening protect lid.
13. The following phenomenon to contact us.
 - A. Cable of power or controlling was damaged
 - B. False power or voltage was used
 - C. Outward was damaged because of falling
 - D. Can not work properly
 - E. Has not worked yet after operation as instruction
14. When need to replace part, pls use verified part or the one witch has same effect with origin, substitute part, which has not verified by us will cause danger.

Note items

1. Don't install device under environment too hot or cold.
2. Don't bare device in rain or wet place
3. Don't put anything into device, it will cause short circulation
4. Don't make device be shock or quake
5. Don't touch device when it working
6. To avoid installation in brace gas or corrodible air place
7. The pan/tilt dome's current is AC24V, AC220V is incapable.

Feature:

- The device is environmental designing, auto pan/tilt inside, manual and auto model are alternative.
- Fashion designing is reasonable.
- Double cover of device for structure, will work as function of sun shield.
- Dome is made of Acrylic, high transparent, doesn't lose fidelity.
- Pan/tilt was chose SAIA motor made in Swiss or motor made in Taiwan, working stable.

All direction pan/tilt

1. Basic structure (as diagram 1)

Main technical data	
Item	Standard
Input voltage	AC24V 50/60Hz
Input volume	PAN/TTILT 10VA
Rotation angle	PAN:0~350 TILT:0~90
Rotation speed	PAN:12 degree/min 12 degree
Rotation limitation	Pan tilt are adjustable
Size of camera addition	1/3"~1/2" CCD
Structure	Top cover ABS Dome cover acrylic

2. Installation way

2.1 pls read instruction carefully before installing, consult distributor if some aspect not sure.

2.2 Install well dome with bracket (as refer to diagram 2)

2.3 Connection of cable

Connect cable, which comes from decoder or controller with cable, which comes from dome. (Connecting indication refer to table 1)

Note: the pan/tilt dome is under AC24V safe power, cannot use controller of AC110V or AC 220V.

Connection table pls refer to file Table

Note: power of dome is AC24V, not permit to connect AC220V. Outdoor model has temperature controller inside (H model), power is AC24V, refer to indication label on cable output.

2.4 Installation of camera and lens

Fix camera and lens with screw attached onto picking arm inside dome as indicating arrow. To make it fix without touching with dome cover. Connect cables inside dome with camera. Refer to table 1

2.5 Adjustment of limitation of dome

1. Limitation of dome can be adjusted manually. In general, it was adjusted after factory, doesn't need to re-adjust.

Factory standard

Pan: 0~ 350 degs

Tilt: 10~80 degs

2. There has two ways for adjustment

a. Adjusting pan direction (refer to chart 3)

Release fix screw which for pan limitation, adjust limitation loop, then lock hardly.

b. Adjust tilt direction (refer to chart 4)

Release fix screw which for tilt limitation, adjust position. Note: scope of adjusting should not exceed 0~90 degs, lock screw after completed.

2.6 Install hemisphere cover

Take on gloves attached, aim hole, which on cover with hole on housing, to lock screw hardly.

2.7 Fasten the dome on to stable wall or other mounting medias

a. Installation of mounting arm. (Size of installation refer to chart 6)

b. Installation of ceiling pole. (Refer to chart 5)

c. Other installation way according to scene's circumstance

Main technical data:

Item	Standard
Input voltage	AC24V 50/60HZ
Input volume	PAN/TILT 10VA
Rotation angle	PAN:0~350 TILT: 0~90
Rotation speed	PAN: 12 degs/s tilt: 12 degs/s
Rotation limitation	Pan tilt are adjustable
Size of camera adding lens	155*65*60 mm
Structure	Top cover: ABS PAN/TILT inside: alloy aluminum Dome cover: acrylic
Configuration dimension	As chart 6

2.9 spare parts

Name	Quantity
Instruction	1
Screw for fixing camera	1
Glove	1

Pan/tilt manual

1. Basic structure as refer to chart 7

2. Installation way

Same as charts 2.1 2.2 2.4 2.6 2.7 2.8 2.9