Electric Rotating Bracket Operation Manual

<u>Thank you very much for choose us! Before use this rotating bracket, please read the manual carefully.</u>

Warn: In order to avoid fire disaster, please follow the relevant national standards and regulations to install and use this products.

Non-professionals is forbidden to dissemble or change this product, the installation must be stable and in accordance with the standard of weak current projects. If under wrong installation, this product is possible to cause fire disaster or hurt people.

Note: Breach the below contents may cause the product can not be used or break it.

1. Please make sure the products be installed stable, avoid it to fall down to hurt people.
2. Do not place any objects or fluid substances penetrate the bracket, in order to avoid damage to the bracket, in case this situation happens, should immediately power off the bracket, then let professional technician to check and repair it.
3. Do not use corrosive cleaning products or hard Sassafras paper or cloth to clean the bracket.
4. In order to avoid damage due to lightning or electrical surge, please do lightning protection, and do grounding, or disconnect the bracket cable when these situation happen, in order to prevent it be damaged by lightning or electrical surge.
5. Do not disassemble the bracket without our instruction, otherwise this may damage the product.
6. Do not install this product close to radiator, heater, or any heat source or very hot objects.
7. Do not install this camera close to radiator, heater, or any heat source or very hot objects.

Power supply:

This bracket working voltage is DC 12V + / 0.5%, 500mA; power consumption is less than 1 W.

This product with intelligent decoder inside of the standard configuration, but without power supply, please prepare suitable power supply before you install it, or wiring it with security cameras suitable power supply.

Installation:

Used for analog camera:

Connect the bracket to the control keyboard of analog camera via RS 485 wires, and provide power to the bracket with DC12V / 0.5A.

Used for HD IP camera:

Connect the bracket to the HD IP camera via RS 485 wires, provide power to the bracket of DC12V / 0.5A, and then connect the RJ 45 network cable to computer or NVR. **This request the HD IP camera's cable must with RS 485 connector together,** as follow picture:

Operation

Please note, this bracket with below functions:

(1) Use RS-485 control, but RS-485 + / - is universal, no need to distinguish.
(2) Configuration will not be lost after power off, means when the bracket is working of a scan action, but the power is off, then when you reboot the bracket, it will continue the action before power off.
(3) Manual set address code of camera.

1. Set address code of bracket:

User need to set the address code of this bracket before use it, address code can be set of 01 - 10, each bracket only can use 1 address code, default address code is "01".

Steps of set address code as follows:

(1) Enter setting status: set preset of NO.25.
(2) Start to set address code (e.g. Set add NO.02): press "set preset" on keyboard, then type the address number of " 02 ", then press key of "ENTER" to confirm the set.
(3) Change address code of control keyboard: because now the bracket use the address code as "02", so you need to change your control keyboard to use address code of "02" to control the bracket.
(4) Save the address code of bracket: after you change the control keyboard's address code, now please SET preset of NO.26, and save this command, then reboot the bracket. (if you don't do this step to save address code, the bracket will bact to the 01 address code after reboot.)

2. Limiting Scan:

Set left limiting position: set preset of NO.09.
Set right limiting position: set preset of NO.10.
Run limiting scan: run / go preset of NO.12.
Delete limiting scan: set preset of NO.12.
Set scan speed: can set 3 levels, 10°/ sec; 18°/sec; 25°/sec.
Command: set preset of NO. 15 ; NO. 16 ; NO. 17.

3. Tour scan:

This bracket can set 1 tour scan route, can set 8 preset position in 1 tour scan.
Run tour scan: run / go preset of NO.13.
Delete tour scan: set preset of NO.13.
After the bracket run tour scan for 50 times, it will auto back to the initial position for check positions.
User also can manual adjust it to do this check.
Manual check initial position: run / go preset of NO.18.

4. Home position

Set home position: move bracket to the position you want, then use command of "set preset position # 11".
Run home position: go / run preset #14 to make home position working.
Stop home position: set preset #14 to close home position function.

5. Back to factory set:

set preset of NO.20.

P.S. Use our keyboard to SET preset / RUN preset steps:

press "SET PRE" / "GO PRE" -- press number keys -- press "ENTER".

Accessories:

Bracket x 1 ; manual x 1 ; certificate   / warranty card x 1; screens x 2.

Common faults and exclusion:
If the bracket can not start auto checking (base part rotate) after powered on, and without any action, please check if the power supply is right, please check the power polarity voltage, current, and connection.

Warranty:

1. If the product have quality problem, you can enjoy service of: 15 days return, 30 days replacement, 2 years free warranty, and we provide lifetime service (not free after 2 years).
2. During the 2 years warranty period, if customer disassemble or change structure of the product, we will not provide warranty anymore.
3. Warranty of repair is only about the product electrical parts, not include the appearance and accessories.
4. We will not bear any risk or responsibility for the possible loss or damage caused by any special application of this product.
5. Regarding to the claim which is relevant to this product caused by break promise, or carelessness, or tort, we will not bear claim exceed of the product's marketing value, only compensate amount equal to or less than the product's marketing value.
6. We will not bear any responsibility for the special / suddenly / continuously damage or loss caused by any other reason.
7. For the product which exceed the 2 years free warranty period, we provide lifetime repairing service, but will charge the real cost.