

Heavy Load Biaxial Pan-Tilt Head HS-YJ080W

I. Pan-Tilt Head Characteristics:



1. The maximum load is 85Kg;
2. The repeated positioning accuracy is high, which can reach $\pm 0.1^\circ$;
3. The shell is made of high-strength aluminum alloy;
4. Adopt worm gear and worm drive, which can be self-locked when power is off;
5. Horizontal continuous rotation of $0 \sim 360^\circ$;
7. Protection grade IP66;
8. Can be upgraded to network pan-tilt head;
9. Optional pan-tilt head azimuth value, camera focal length value, focus value and other information feedback functions;

II. Detailed Technical Indicators:

Model	HS-YJ080W
Colour	Ice ash (army green, black, white, * can be customized)
Spin velocity	Horizontal continuous speed change of $0.02^\circ \sim 8^\circ/s$ (the maximum speed can be selected in the range of $0.02^\circ \sim 20^\circ$, and the greater the speed, the smaller the load); Pitch $0.02^\circ \sim 4^\circ/s$ with continuous speed change (optional in the range of $0.02^\circ \sim 10^\circ$, the higher the speed, the smaller the load);
Angle of rotation	Horizontal continuous rotation of $0 \sim 360^\circ$ (optional limited rotation, with the maximum angle of $1^\circ \sim 320^\circ$); Pitch $-60^\circ \sim 20^\circ$ (customizable, optional in the range of $-90^\circ \sim 90^\circ$, the larger the angle, the smaller the load);
Presetting bit	200 Piece
Positioning accuracy	$\pm 0.1^\circ$

Repeatability	±0.1°
Self-checking	Power-on self-test (* no self-test option)
Position return	Optional(query return, real-time return)
Pilot switch	* Optional(2 groups, passive, normally open)
Lens preset position	* Optional(support, adaptive to FUJINON, COMPUTAR, KOWA and other lenses)
Lens control speed	* Optional(zoom and focus control speed can be adjusted continuously)
Automatic cruise	2, each with 40 cruise points.
Automatic homing	Automatic homing time of 1 ~ 60 minutes can be set.
Automatic scanning	1 article
Salt spray prevention	* Optional (when the PH value is between 6.5 and 7.2, after 48 hours of continuous spraying, the machine works normally and the surface has no obvious change).
Protocol	PELCO_D((PELCO_P, ModBus-RTU optional))
Communication baud rate	9600bps(2400/4800/115200bps optional)
Communication interface	RS485(RS422/RS232/* Network interface * Wireless remote control optional)
Input power range	DC24V(*AC220V optional)
Power consumption of whole machine	≤200W
Static power consumption	≤5W
Working temperature	-25℃~+55℃,90%±3%, Noncondensation (*-40℃~+55℃ optional)
Storage temperature	-40℃~+65℃
Load(height of center of gravity 50mm directly above the top plate)	80kg
Measure	380*220*400
Overall weight	35Kg
Bearing mode	Top load(optional side load)
Transmission mode	Worm gear and worm drive
The protection grades	IP66
Installation mode	Fixed installation (* car-mounted/* hanging load is optional, and the load capacity is halved when the car is mounted)
Remarks: * The functions marked are extra charges, please know.	

III. Dimensional Drawing

1) Pan-tilt head outline dimension drawing



