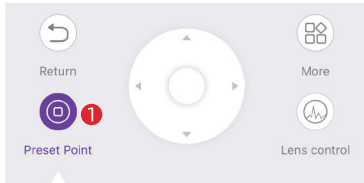# Smart PTZ Dome Camera Command Codes

Notes

1. Please installed and placed the camera firmly to avoid falling and body injury.
2. Please keep the camera lens & cover clean to ensure best video quality.
3. To avoid damaging the product, do not use any corrosive liquid while cleaning.
4. Please do not disassemble the camera without professional guide. It may cause the camera losing weather-resistance.
5. In lightning enviroment, please install lightning protection equipments or unplug all connection cables to prevent lightning damage.
6. Please keep this product away from highfield devices such as microwave oven.
7. Do not use this product out of its working humidity and temperature.
8. Avoid heavy pressure, falling, severe vibration and immersion during transportation and storage.

Product Specifications

1. Power supply: 100-240V AC to DC 12-14V/ 1000-2000MA.
2. To ensure stable power supply, use power cable within 10ft (3m). In environment -4℉ (-20℃) or below, use power cable within 5ft (1.5m).
3. PTZ control protocol : Pelco-D / Pelco-P.
4. Baud rate : 2400, 4800, 9600 (Selectable).
5. Working temperature: -13-140℉ / -25-60℃.
6. Working humidity :≤90%RH.
7. PTZ camera key features : Presets, smart cruise, point to point scan , adjustable scanning speed, home point, Light control.

Steps to run a command code

● Tips: similar steps while operating from NVR.

PTZ Command Codes

1	Auto scan	Description	Continuous horizontal scan, lasts 48 hours
		Turn on auto scan	In preset point, type in 39, and Go to/ Transfer
2	Limits scan	Description	Continuous horizontal scan from left limit to right limit, lasts 48 hours
		Set left limit point	Rotate to wanted left point, type in 9 and Set
		Set right limit point	Rotate to wanted right point, type in 10 and Set
		Turn on limits scan	In preset point, type in 38, and Go to/ Transfer
3	Speed of Scan	Low speed	Type in 61 and set
		Medium speed	Type in 62 and set
		High speed	Type in 63 and set
		Higher speed	Type in 64 and set
4	Home point	Description	After auto-tracking, or no control within 3 minutes, camera automatically returns to the home point
		Set home point	Rotate to wanted home point, type in 58 and tap Set
		Turn on home point return	Type in 56, and Go to/ Transfer
		Turn off home point return	Type in 56, and Set

5	Preset	Set preset points	Rotate to wanted point, enter point number (1-8), tap Set
		Go to preset point	Enter preset number (1-8), tap Go to/ Transfer
6	Preset Cruise	Description	Automatically rotate to each preset point in sequence and stay, and stops after cruising 3000 cycles
		Cruise 1-8 preset points	Type in 41, and Go to/ Transfer
		Delete 1-8 preset points	Type in 41, and Set
7	Cruise scan per point stay time	Stay for 2-3 seconds	Type in 51, and Set
		Stay for 4-5 seconds	Type in 52, and Set
		Stay for 6-7 seconds	Type in 53, and Set
		Stay for 8-9 seconds	Type in 54, and Set
		Stay for 10-12 seconds	Type in 55, and Set
8	Auto tracking (works only for some models)	Set home point	Type in 58, and Set
		Turn on auto tracking	Type in 96, and Go to/ Transfer (default off)
		Turn off auto tracking	Type in 96, and Set
		Turn off auto zoom	Type in 97, and Set
		Turn on auto zoom	Type in 97, and Go to/ Transfer
9	Light control (works only for some models)	Turn on the lights	Type in 93, and Go to/ Transfer
		Turn off the lights	Type in 94, and Go to/ Transfer
		Turn on Red/blue alarm ights during day	Type in 26, and Go to/ Transfer
		Turn off Red/blue alarm lights during day	Type in 27, and Go to/ Transfer
10	PTZ calibration/ Factory reset	Calibrate the PTZ	Type in 34, and Go to/ Transfer
		Restore factory settings of PTZ	Type in 40, and Set

Statement

The content in this manual is only to provide guidance for users. It does not guarantee the products you purchased have all the features. Please refer to the actual product description.

Important: sometimes you may not see image moving while navigating your camera; or it reaches the end when you finally see the move. This is typically caused by insufficient WiFi signal strength of the camera. Please mount the camera within better WiFi reception, or hard wire the camera to router/ NVR.