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- Anti-Vandal HD IR Dome PTZ

USER MANUAL for DA IPT-390AX4

1080P 4in1 Dome MINI PTZ CAMERA

QUICK INSTALLATION GUIDE

1. Important Safety Notes:

Please read this manual carefully before installing and operating the camera.

- Please refer to the technical specs to confirm you are using a suitable power supply. Do not use power supply with higher/lower rating than specified.
- Do not attempt to disassemble the camera; in order to prevent electric shock, do not remove any screws or covers.
- There are no user-serviceable parts inside. Please contact the nearest service center if there is any technical failure.
- Avoid incorrect operation, shock vibration or heavy weight pressing which can damage the camera.
- Do not use corrosive detergent to clean the camera. If necessary, please use a soft dry cloth to wipe dirt. For tough contamination, use neutral detergent. Any cleanser for high grade furniture is applicable.
- Avoid aiming the camera directly towards extremely bright objects such as the sun, as it may permanently damage the image sensor.
- Please follow the installation instructions.
- Do not operate the camera in environments that exceeds the specified temperature, humidity or power.
- Keep away from any heat sources such as radiators, heat registers, stoves, etc.
- Do not expose the product to the direct airflow of an air conditioner.
- All pictures and examples used in the manual are for reference only.

Important Note: Clean the transparent cover to make sure the image clear.

Please use wiper provided in the package to clean the color, don't touch the transparent cover by finger directly as the acid sweat of the human finger may rust the surface of the cover.

2. Box Contents:

ITEM	QUANTITY
DAIPT-390AX4 Camera	1
Ceiling Bracket	1
Installation sticker	1
Installation Screws	4

3. Camera Cable

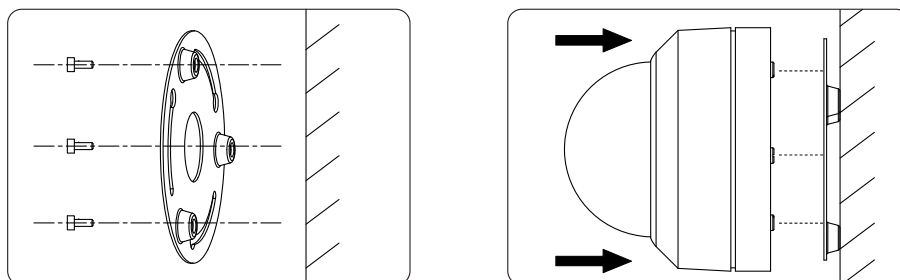
Please find cable description below. You can also refer to Figure 2-1.

Video Connector	4in1 1080P Video Output
Power Connector	12V DC Power Input (2A Recommended)
DIP switch	Signal output selection



Picture 2-1: Cable Reference

4. Device Installation:



The camera is for a ceiling installation ! (If wall installation is required, please purchase wall bracket) Please refer to the installation instructions below.

Important: The installation surface should be able to hold at least triple the weight of the assembled camera.

4.1 Take out installation sticker from package box, mark the holes' position base on wall mount bracket bottom installation holes.

4.2 Use the screws to fix the mounting bracket to the ceiling according to the holes that have just been put on the base.

4.3 Align the camera base with the three mounting holes in the mounting bracket, and turn it clockwise for 30 °.

Warnings:

- 1) Do not adjust the camera's orientation manually. This might damage the device.
- 2) Pay attention to install the blind area of the camera toward to the corner or not important area.

5. Camera Settings & Preset Commands:

In this camera, the CoC commands divides to 2. If you are using AHD/TVI/CVBS, Please use the 1st table. If you are using CVI, use the 2nd table.

AHD/TVI/CVBS Command

Shortcut Key	Function (Set Preset)
Set # 89preset	Delete all presets
Set #93preset	Dome restart
Set #94 preset	Restore Factory Setting
Set #96 preset	Park OFF
Set #97 preset	60S Park time ON
Set #98preset	120S Park time ON
Shortcut key	Function (Call preset)
Call #67preset	Change system to PAL
Call #68preset	Change system to NTSC
Call #69 preset	Open Advanced Settings menu

CVI Command

Shortcut Key	Function (Set Preset)
Set # 54preset	Delete all presets
Set #55 preset	Restore Factory Setting
Set #56 preset	Park OFF
Set #57 preset	60S Park time ON
Set #58preset	120S Park time ON
Shortcut key	Function (Call preset)
Call #53 preset	Open Advanced Settings menu
Call #67preset	Change system to PAL
Call #68preset	Change system to NTSC

Important Note:

Power off action: Manually set#6 preset as power off memory position.

Parking position is default OFF. Manually set #1 preset as parking position, set #97&98 for parking time

6. Technical Specs:

Model		DAIPT-390AX4
Image sensor		1/2.9" CMOS
Resolution	HD Analog	2MP(AHD/CVI/TVI-1920*1080)
	Analog	700TVL
Optical Zoom		X4 (2.8mm-12mm)
Digital Zoom		No
Horizontal Angle of view		106°~51.8°
Sync System		Internal
Min. Illumination		0.01lux(0lux with IR On)
Day & Night		Auto/Day/Night
IR LED		2pcs LED(10m)
S/N Ratio		50dB
Focus		Auto/Manual
Auto/Gain		Auto/Manual
Wide-D		No
White Balance		ATW/Manual/Outdoor/Indoor
BLC		On/Off
Shutter Speed		1/50-1/100000
Sense Up		No
Pan/tilt range		250° (Pan); 65(tilt)
Parking function		Yes
Port	Video port	BNC port
	Power port	DC12V/1A
Other	Power	10W(max)
	Operation Temp.	-20° C ~+60° C