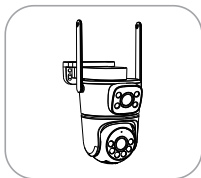# OMNIA

Wi-Fi Smart Devices
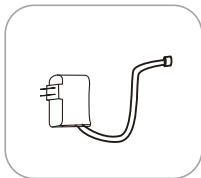
**Smart Camera Indoor/Outdoor
OT783**
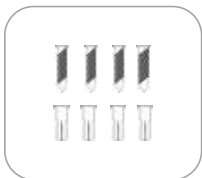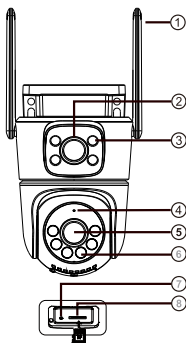
01.Package contents
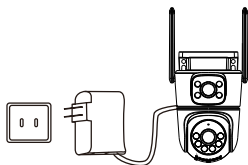

Camera

Cable

Mounting screws

Parts of the Camera

1. Antenna
2. Lens
3. LED light
4. Microphone
5. Lens
6. LED light
7. Reset Button
8. Micro SD Card Slot

ΟΜΠΙΑ

02.Turn On the Camera

Power on the camera by connecting the power supply with camera.

If the camera is failed to connect, it needs to be reset.

Press and hold the reset button for 5 seconds until the camera automatically moving and hear the sound of camera

It will take around 15 seconds.

Reset button
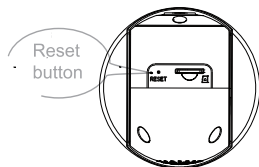
MicroSD Card Installation

The camera supports microSD cards capacity from 8GB to 128GB (class 6 or faster). Please insert the microSD card into the microSD card slot according to the following illustration.

ÜMNIA
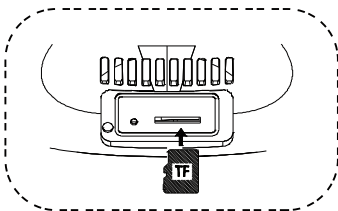
03.Installation–Connect the camera with smartphone App

1) **Power the camera**

Use the supplied DC 5V power adapter and the supplied power cable to power on the camera.

The camera will be turned on automatically.

2) **App setup and installation**

Search for **TuyaSmart** or **SmartLife** app in the App Store or Google Play Store.

Download and install the app on your smart device.

OR

Tuya Smart App   Smart Life App

3) **Set up the camera by using the app**

Check to be sure the camera is in pairing mode. The indicator light on the camera must be flashing rapidly before connecting. If not already flashing, press and hold the Reset button until you hear an audible tone.

Use the **TuyaSmart** or **SmartLife** app to complete the set up.

Tap **'Add Device'** or the '+' sign, then select **'Security camera & Video security'** and **'Smart camera(Wi-Fi)'** then confirm. You will be prompted to enter your Wi-Fi network and password.

Note:

a) Be sure to connect to 2.4GHz or 5 GHz Wi-Fi network that covers your installation location.

b) One device can only be paired with one App account at a time, if the device has already been paired with another account, then it can't be paired to another account.

The device can be removed from the app account by being deleted from the App. The device will be reset automatically once the blue light changes to a solid on.

04.Main features of the APP
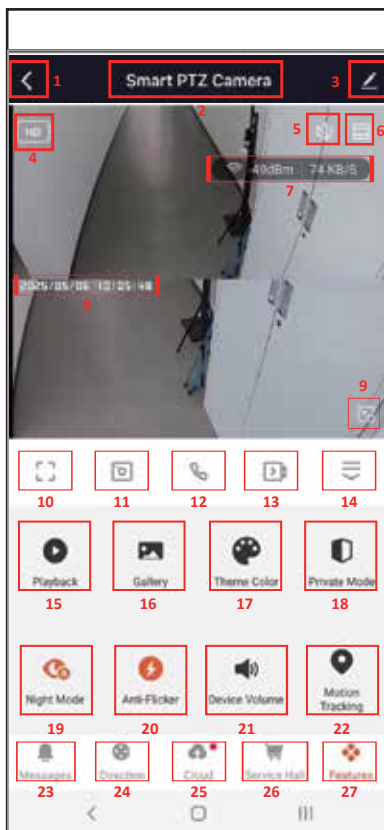
1	Back to app home page
2	Camera name
3	Camera setting
4	Current resolution (HD, SD)
5	Open to hear from the camera
6	Full screen of the live view
7	WIFI and Data Speeds
8	Time display
9	Zoom to small window view
10	Full screen of the live view
11	Take a photo (photo screenshot)
12	Talk to the camera
13	Take a video (video screen shot)
14	Full screen mode
15	Playback (need SD card inserted)
16	Enter album to check the photos and videos took by APP
17	Change theme color

ᴒMNIA

18	Click to have the camera physically face down (private mode on/of)
19	Night vision switch
20	Anti-flicker switch
21	Adjust the volume
22	Click to turn the motion tracking on/off
23	Message alert
24	Camera direction control panel
25	Cloud (Purchase a cloud subscribe- optional)
26	Service hall (subscription service available)
27	Functional interface (can be added or deleted)

05.Roubleshooting about the camera with APP

PROBLEM	CORRECTIVE ACTION
Camera will not connect to my Wi-Fi network	Make sure the Wi-Fi signal is flashing. If the Wi-Fi signal is not flashing, you will need to press and hold Reset Button (see the Description section). Make sure the Wi-Fi network is 2.4GHz or 5GHz network. Test your Wi-Fi network work with other devices such as your phone or computer to make sure it is operation properly. The Wi-Fi connection may be out of range during pairing. Use your phone to check range, it is recommended to have at least 2 signal bars showing for proper connection. Your Wi-Fi network password is case sensitive, make sure you are entering it correctly.
The camera is off-line	There could be a temporary issue with your internet connection (e.g., service disruption). Please try again in a few minutes. Make sure your Wi-Fi router is turned The camera may not have power to it, make sure the wall switch and breaker is in the on position. Make sure the camera is getting a good signal from your Wi-Fi router. Use your phone to check range, it is recommended to have at least 2 signal bars showing for proper connection. The camera may have been disconnected from your Wi-Fi network, press and hold Reset Button (see the Description section) until you hear an audible tone.

Live video stream is slow to load	Camera streaming issues may be caused by any of the following: Your phone's cellular connection, which relies on mobile overage. Limited internet bandwidth at home, for example, other video streaming services running at the same time on your network can cause congestion slowing down the internet upload and download speeds. Wi-Fi reception may not be stable or work reliably if the camera's Wi-Fi signal strength is less than 2 signal bars. You may need to install a Wi-Fi repeater or extender to boost the Wi-Fi signal.
How to reset the camera to renter pairing mode?	Press and hold reset button located at the back of the camera (see Description section) until you hear an audible tone.
The camera is not recording?	Make sure Record Switch is turned On in APP, under SD Card Settings. This is located in Settings menu on the upper right corner in the control panel. Make sure that the microSD card is installed correctly. To confirm the camera is recognizing the microSD card, go to the SD card Settings in the Settings menu and make sure microSD Card capacity shows Total capacity, Used and Free space. If this does not appear you may consider reformatting the microSD card. WARNING: Reformatting microSD card will delete all videos stored on card. Please go through the troubleshooting section before doing so.
How do I set the camera to Event or Continuous Recording?	In the Settings menu under SD card settings make sure Record Switch is Turned ON and then select Event Recording or Continuous Recording.
How do I check the available space on the SD card?	In the Settings menu under SD settings, you will see Used Space and Free Space. Note: Camera only support 128GB or less microSD cards with FAT32 format.

What happens when the microSD card reaches full capacity?	On the microSD card reaches full capacity, new videos will start rewriting(deleting) over the oldest videos.
Can I use a new microSD card if I do not want to record over existing videos?	Yes, you can use a new microSD card if you do not want to record over existing videos by removing the side cover on the camera and replacing the exiting microSD card with a new one as long as it does not exceed 128GB. Once this is completed you will need to format the microSD card by going to the SD card settings in the Settings menu and pressing Format SD Card then Confirm. WARNING: Reformatting microSD card will delete all content stored on card.

ᴑᴍᴨᴉᴀ

06.Camera Aspects

Product image	Main Features
	* Easy installation, monitor by app at anywhere anytime* 2.4GHz WiFi connection (Dual band WiFi 2.4GHz + 5GHz +Bluetooth) * Dual lens 2 * 3MP resolution* Motion detection and push notification* IR/color night vision* One fixed len + one horizontal rotable 355° len

Hardware spec.			
CPU	* DDR2* SPI * SPI	128MB8MB 8MB	
Sensor	Camera CMOS size	Main len (rotable) 1/3'' Inch 3MP CMOS Sensor	Sub len (fixed) 1/3'' Inch 3MP CMOS Sensor
LENS (TBC)	EFL FBL F/NO FOV	5.5mm 4.9mm±0.2 2.0 D92°,L72°,V38°	3.2mm 6.05mm 2.0 D117°,L78°,V61°
Night vision	Networking protocol Wi-Fi stnadard * Module Wi-Fi frenquency Transmission distance	TCP/IP,HTTP,TCP,UDP, SMTP,DHCP,DNS,P2P IEEE 802.11b/g/n Dual band 2,4G + 5G WiFi connection 2.4G 50m(Open Distance)	
Speaker	Rate of power * Rated impedance	1.5W 8Ω	
Microphone	High sensitivity voice pickup	-38dB 6m	

FW/APP function					
Motion detection	R	Push notification	R	Night vision	R
Motion Tracking	R	Two-way audio	R	OTA upgrade	R
Other					
General	Weather proof Method of storage Playback Network connection APP		IP65 Micro card 4GB-128GB and cloud storage (optional) Events playback from local micro SD card and cloud storage QR code TuyaSmart or Smartlife; Android 5.0, IOS 8.0 and above		
Interface	Buttons Interface		Reset button Micro SD (for local storage); TYPE-C USB （for charging）		
Video resolution	Compression Resolution		H.265 2304*1296p@30fps; 640*360@15fps		
Power	Spec		5V/1.5A DC adaptor		
Environment	Temperature of working Temerature of storage Operating humidity		0C°to -50C° -20C° to 80C° 10% ~ 95% RH (No condensation)		
Appearance	Plastic material Optional colors Product size Product weight		PC+ABS White (Default)/ Black 90*90*150mm 336g		
Packing contents	Camera, 5V/1A adapter, Type-C cable, Instruction manual				

OMNIA