



# User Manual

Code: APTI-W21C4G-TUYA  
IP CAMERA **APTI-W21C4G-TUYA** Tuya Smart 4G/LTE - 1080p 3.6 mm

## Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.

If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

### Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.

**Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.**

Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

### Proper product disposal:

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

The cameras cooperating with the user-friendly Tuya platform have been designed with special care to simplify the configuration process and enable the user to create a simple and effective monitoring system.

The camera works with the 4G/LTE network and the connection is made on a plug and play basis - just install a nanoSIM card and the device will establish an Internet connection by itself - this solution allows the camera to be used wherever there is an operator network coverage. Very easy operation via mobile devices (Android / iOS), allows the users for comfortable and remote operation, and also management of the camera.

**Attention!** Devices cooperating with the Tuya platform do not have a WEB interface. The camera works only with the mobile application (the camera does not work with recorders). Controlling the device and schedule settings is possible if the device has access to the Internet.



Standard:	TCP/IP
Sensor:	1/2 " Progressive Scan CMOS
Matrix size:	2.1 Mpx
Resolution:	1920 x 1080 - 1080p 640 x 360
Lens:	3.6 mm
View angle:	<ul style="list-style-type: none"> <li>• 99 ° (manufacturer data)</li> <li>• 82 ° (our tests result)</li> </ul>
Range of IR illumination:	10 m
White light LED illuminator range:	25 m
Audio:	<ul style="list-style-type: none"> <li>• Microphone built-in,</li> <li>• Speaker built-in,</li> <li>• Audio transmission via network,</li> <li>• Bi-directional audio streaming support</li> </ul>
Image compression method:	H.265
Main stream frame rate:	<ul style="list-style-type: none"> <li>• 15 fps @ 1080p</li> <li>• 25 fps @ 640 x 360 px</li> </ul>
Network protocols:	TCP/IP, P2P
Network interface:	4G LTE



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ONVIF:	—
WEB Server:	—
Mobile phones support:	Access by a cloud (P2P) <ul style="list-style-type: none"><li>• The <a href="#">Tuya Smart</a> free application on Android</li><li>• The <a href="#">Tuya Smart</a> free application on iOS</li></ul>
Default IP address:	DHCP
Web browser access ports:	—
PC client access ports:	—
Mobile client access ports:	—
Port ONVIF:	—
RTSP URL:	—
Memory card slot:	Micro SD memory cards up to 64GB support (possible local recording)
Main features:	<ul style="list-style-type: none"><li>• 4G LTE support</li><li>• WDR - Wide Dynamic Range</li><li>• BLC/HLC - Back Light / High Light Compensation</li><li>• Anti-Flicker - The technology eliminates the tiring eyes flickering image effect</li><li>• Day/night mode</li><li>• ICR - Movable InfraRed filter</li><li>• Motion Detection - Built-in PIR detector</li><li>• Operation status LED indicator</li><li>• USB C interface</li><li>• RESET button</li></ul>
Battery operation time:	max. 60 days
Charging time (recover to 100% capacity):	6 h from USB port
Power supply:	<ul style="list-style-type: none"><li>• 4 x Li-Ion battery ICR18650 - 3.7 V / 3200 mAh (included),</li><li>• Solar Panel : 1.6 W,</li><li>• 5 V DC - USB-C socket (power adapter not included)</li></ul>
Housing:	Metal
"Index of Protection":	IP67
Weight:	<ul style="list-style-type: none"><li>• 0.77 kg</li><li>• 0.91 kg (with bracket)</li></ul>
Dimensions:	<ul style="list-style-type: none"><li>• 200 x 96 x 67 mm</li><li>• 305 x 96 x 125 mm (with bracket)</li></ul>
Operation temp:	-30 °C ... 60 °C
Supported languages:	English
Manufacturer / Brand:	APTI
Guarantee:	2 years



Solar Panel:



Bottom view:



Memory card slot, USB C and "Reset" button:



Antenna connector:



In the kit:

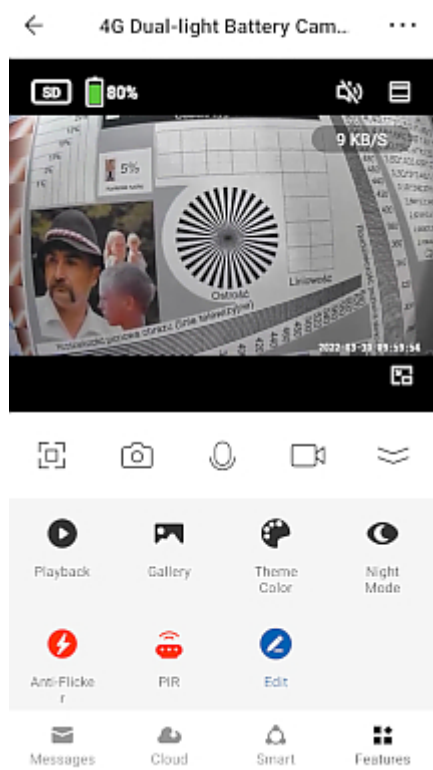


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Sample interface screenshot:



## PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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