

ONVIF Interface Guide

For TP-Link Corporation Limited *tp-link*® Tapo C500

1. Overview

The purpose of this guide is to provide the initial steps required to operate this product using the ONVIF API. For more information on ONVIF, refer to <http://www.onvif.org>

This ONVIF Interface Guide is issued by the indicated Member which is solely responsible for declared conformance and the information in this guide. Conformity is valid ONLY for the ONVIF product identified when used in a manner consistent with the intent of the referenced documents.

1.1 Product Information



- *Tapo C500* ® 1.0.0 Build 230822 Rel.55133n

1.1.1 Supported ONVIF Profiles



1.2 Support Information

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2. Prerequisites

- **Processor:** Intel ® Pentium ® M processor, 2.16 GHz, or Intel ® Core ™ 2 Duo processor, 2.0 GHz
- **Operating System:** Microsoft ® Windows ® XP/7/8/10
- **Memory:** 2GB RAM
- **Monitor:** Minimum of 1024 x 768 resolution, 16- or 32-bit pixel color resolution
- **Media Player:** VLC ®

3. Installation

Providing Network Connection and Power

1. Power on your camera with the power adapter provided and wait about 30s until the LED blinks red and green.
2. Download and install the Tapo app from the Apple App Store or Google Play.

Note:

The camera's power supply is 12V/1A.

3. Follow the in-app instructions to add your camera and join your home Wi-Fi network.

4. Default Network Settings

The default network setting is DHCP. The IP address of the camera can be found from the Tapo app.

Download and install the Tapo app from the Apple App Store or Google Play. Open the Tapo app and follow the in-app instructions to add your cameras.

Go to Camera Settings, tap Model Info and you can find the Camera Name, IP address, Mac address, and other parameters.

5. Default Login

Logging on to the camera

If you are logging on to the camera for the first time, you can open the Tapo app and go to Camera Settings > Advanced Settings > Camera Account to create an account (username and password) for camera login.

Note:

The web browser is not supported for camera login and management.

6. Local Configuration

Where to find (path, menus, settings, etc.)

Navigation bars

Depending on user permissions, the navigation bars help to modify general settings and network settings, set up users, configure events, and control the camera.

Note:

Some navigation bars might not be available if the user does not have permission to access that feature.

To access the Navigation bars:

1. Open the Tapo app and follow the in-app instructions to add your cameras.
2. Tap on your camera on the home page to enter the Live View page.
3. Tap the gear icon on the right, and a list of settings tabs will appear to help manage your camera.

7. Enabling ONVIF

ONVIF is enabled by default. ONVIF Clients should be able to discover the camera using WS-Discovery.