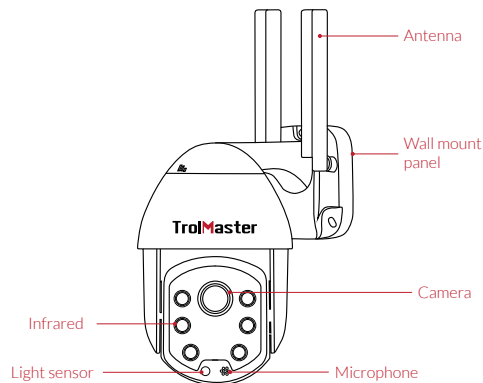# TrolMaster

TC-1
TrolMaster Grow Camera

For Hydro-X Control System

Overview

The TrolMaster Grow Camera (TC-1) is a high-quality surveillance camera specifically designed for grow rooms, providing 24-7 live video monitoring of your grow area.

The TC-1's built-in night vision has been engineered to use invisible (plant safe) IR illuminators to prevent disrupting the morphology of the plant during the dark period. TC-1 features night vision with the ability to see up to 35ft by using ultra-low infrared emissions that are safe for plants during the day and night.
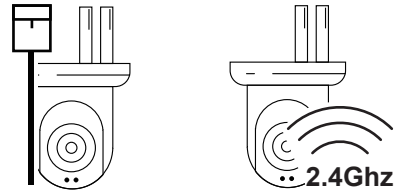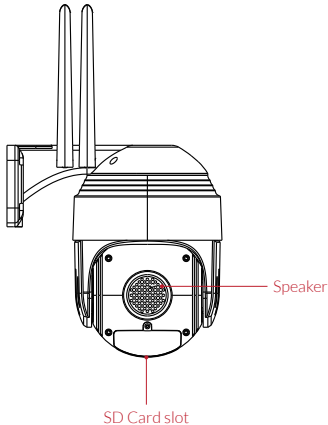
TC-1 also utilizes TrolMaster's free phone app called TM +. Using the TC-1 and the TM + app provides 3 megapixels of low-latency internet live footage. A built-in MicroSD card slot is also available for video recording.

- Antenna
- Wall mount panel
- Camera
- Microphone
- Infrared
- Light sensor

Speaker

SD Card slot

Ethernet port

DC12V Power port

Reset button

Control

Internet Access

The TrolMaster Grow Camera requires an internet connection in order to be able to view live footage using the TM+ phone app. The connection can be established with either wired ethernet or 2.4GHz Wi-Fi, it will not work with a 5GHz Wi-Fi connection.
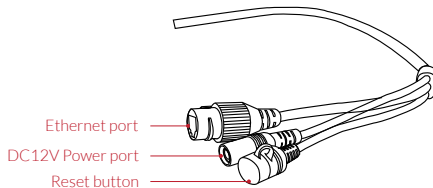
2.4Ghz

Mobile App

Using TrolMaster's free smartphone app called TM+ will allow remote control and monitoring of your grow room anytime, anywhere. Adding the TC-1 camera to your grow room setup will provide a "window" into your grow room that you can also access from your phone.

Video Recording

TrolMaster's Grow Camera also has a built-in micro SD-card slot for video recording, with compatible storage up to 128GB. (The micro SD-card slot is located at the top of the camera unit under the water-resistant rubber cap.)

Instructions

Step 1: Activate the TC-1 by connecting the power, and then make sure to have a stable internet connection (wired / wireless 2.4g).

Step 2: Make sure your TM+ phone app is in the latest version. (Delete and reinstall the app if you are not certain) After logging into the phone app, tap the Hydro-X controller that you would like to monitor with TC-1.

Step 3: Tap "Camera" at the bottom right corner, then tap "Add Device".

Step 4: Scan the QR Code from the sticker on the TC-1. Next, choose to connect with Ethernet or Wi-Fi at the top right corner before proceeding. (you'll need to input your router login if you pick Wi-Fi. Make sure your phone is unmuted, your Wi-Fi info will encrypt and transform into a sound frequency, make sure it is loud enough so TC-1 can hear it.)

Step 5: When setup is complete, you'll hear "connection successful". Now you will be able to see live footage on the controller's main screen.

Features

1. Monitor and Control with TrolMaster's phone app
2. IP66 water-resistant
3. Support H.264 codec - High-Efficiency Video Coding (HEVC)
4. High-resolution live video transmission
5. SD expandable storage up to 128GB
6. Invisible IR illuminators for night vision up to 10 meters
7. Light detection
8. Motion detection

Specifications

Input Voltage: Voltaje de entrada:	100-240V AC, 50/60Hz 0.8A 100-240V AC, 50/60Hz 0.8A
Output Voltage :	12.0V, 2.0A
Certificatiins: Certificación :	ETL/FCC ETL/FCC
Camera Unit :	6mm fixed-focus lens 3 Megapixels Camera (resolution - 2048x1536) 6 Invisible IR illuminators 1 Ethernet Port 2 Wi-Fi antennas
Dimensions & G.W.:	160x 165x 110mm Approx. G.W. 482g

Package Content

- TC-1 x1
- Power Adapter x1
- Wall Mount Screw Set x1
- Water-Resistant Cap Set x1
- Product Manual x1

⚠️ WARNING :

DO NOT let the T-CAM Dry Contact Board be
exposed to water or excessive heat. DO NOT open,
attempt to repair or disassemble the camera, as
there are no user-serviceable parts inside. Opening the
camera will void the warranty.

⚠️ AVERTISSEMENT:

NE PAS laisser la carte de contact sec T-CAM être
exposé à l'eau ou à une chaleur excessive. Ne pas ouvrir,
tente de réparer ou de démonter la caméra, car il n'y a
aucune pièce réparable par l'utilisateur à l'intérieur.
Ouverture de la caméra annulera la garantie.