

Technaxx® * User Manual

WiFi Birdcam Feeder TX-384

Smart bird feeder camera for unforgettable bird videos.

Before using the appliance for the first time, please read the instructions for use and safety information carefully.



This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capacities, or by persons lacking in experience or knowledge, unless they are supervised or instructed on the use of this device by a person responsible for their safety. Children should be supervised to ensure they do not play with this device.

Keep this user manual for future reference or product sharing carefully. Do the same with the original accessories for this product. In case of warranty, please contact the dealer or the store where you bought this product.

Enjoy your product. * Share your experience and opinion on one of the well-known internet portals.

Specifications are subject to change without notice - please be sure to use the latest manual available on the manufacturer's website.

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Hints

- Only use the product for its intended purpose. ● Do not damage the product. Following cases may damage the product: Incorrect voltage, accidents (including liquid or moisture), misuse or abuse of the product, faulty or improper installation, mains supply problems including power spikes or lightning damage, infestation by insects, tampering or modification of the product by persons other than authorized service personnel, exposure to abnormally corrosive materials, insertion of foreign objects into the unit, used with accessories not preapproved. ● Refer to and heed all warnings and precautions in the user manual.

Safety instructions

- The product is intended for the recording of digital photos and videos. It is intended for use by private individuals.
- Never touch the product with wet or damp hands.
- The product can only be operated with the voltage described on the product.
- Do not place the product on an unstable surface. The unit could be damaged, or people could be injured. Any attachments should be made only in accordance with the manufacturer's instructions or obtained from the manufacturer.
- The cable is sheathed and insulates the current. Do not place any objects on the cable, as this could cause the protective function to be lost. Avoid placing excessive stress on the cable, especially at sockets and plugs.

- If you want to pull the plug out of the socket, always pull on the plug and not on the cable. The cable could otherwise break.
- Do not overload wall outlets, extension cords, or other wiring as this may result in fire or electric shock.
- Do not insert any objects into the openings of the unit, as current flows in some places and contact may cause fire or electric shock.
- Unplug the power cord from the power outlet for cleaning.
- Do not use liquid cleaners or clean sprays. The product may only be cleaned with damp cloth.
- Do not connect any additional devices that are not recommended by the manufacturer.
- Do not use the product in direct sunlight or places where the temperature may exceed 60°C for a long time.

Warnings

- Do not disassemble the product, it may result in short-circuit or damage.
- Do not modify, repair or remove without professional guidance.
- Do not use corrosive or volatile liquid for cleaning.
- Do not drop or shake the device, it may break internal circuit boards or mechanics.
- Keep the device away from little children.

Notes on data protection

- Personal rights: When setting up the camera, be sure to respect the personal rights of the people around you. Under no circumstances may you set up the camera in such a way that people who happen to enter the recording area of the camera are recorded in such a way that they can be identified in any way! This also applies to the recognizable recording of vehicle license plates.
- Do not monitor public areas: Observe all national laws and regulations regarding the legality of recording in public areas (streets, sidewalks, parking lots, etc.) by private persons. Refrain from using the camera in such an environment that is in defiance of the law.
- No workplace monitoring: Observe all national laws and regulations regarding the legality of recording at the workplace by an individual. Refrain from using the camera in the workplace in a way that is in defiance of the law. Under no circumstances may you use the camera to monitor your use of the camera for employee monitoring! Surveillance in the workplace is subject to particularly strict conditions in Germany.
- Delete recordings: Photos or videos of recorded people whose consent you do not have or that have not been informed, must be deleted immediately.

- Property protection: If using the camera for property surveillance or to investigate administrative offenses or crimes, ensure that only a perpetrator and not, for example, uninvolved persons are recorded.
- Handover to investigating authorities: Only if a misdemeanor offence has been committed, you may only hand over the recordings to the investigating and only to them. The investigation authorities will then decide on the further use of the recordings.

Note: Different laws may apply depending on the federal state. Seek professional legal advice in case of doubt.

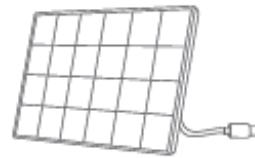
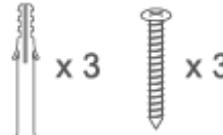
Disclaimer

- In no event shall Technaxx Deutschland be liable for any direct, indirect punitive, incidental, special consequential danger, to property or life, improper storage, whatsoever arising out of or connected with the use or misuse of their products.
- This device is NOT intended to be used for illegal surveillance purposes and shall not be used in any form as evidence for claim purposes.
- Error messages may appear depending on the environment it is used in.
- Technaxx Deutschland is not liable/responsible for non- recording of events, missing files, etc.

Features

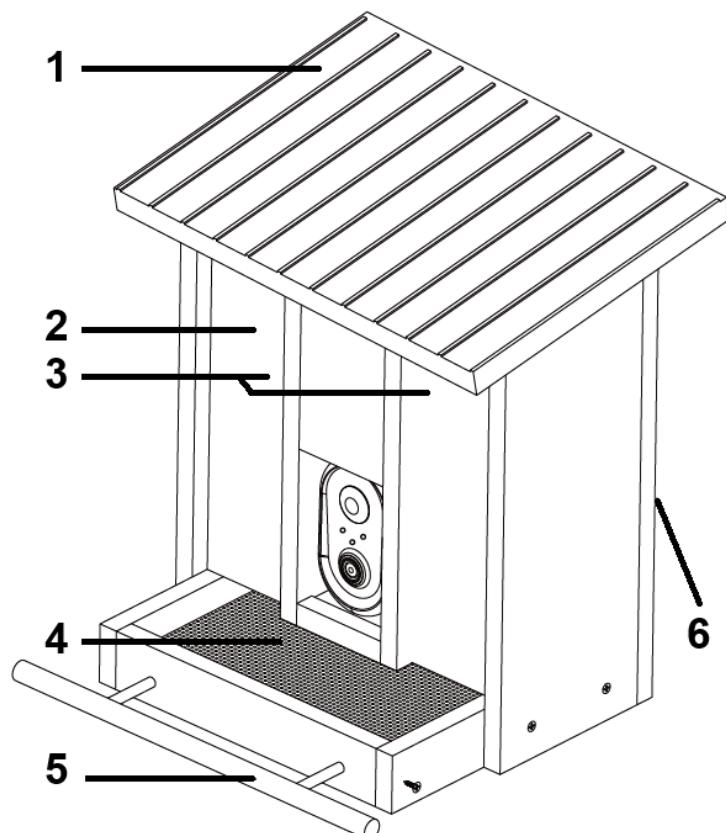
- 3MP HD WiFi camera with app control (Tuya Smart)
- Wide angle lens, FOV: diagonal 166°
- Real-time bird watching + PIR motion detection alerts
- Solar-powered - no wiring needed
- Built-in rechargeable battery
- 2L food capacity for birdseeds
- Weatherproof wooden birdhouse
- Infrared night vision
- Supports two-way audio
- Supports local storage by MicroSD card up to 128GB

Package content

				
Feeder	Camera	Bracket	Charging cable	Perch
				
Solar module + installation package			Black strap	Metal mesh
				
Dowel	M3.5*45 Screw L	M3.0*25 Screw M	M3.0*12 Screw S	Drilling template

Product overview

Feeder



1	Cover/Roof	4	Metal mesh
2	Granary	5	Perch
3	Acrylic panels	6	Mount for hanging bracket

Camera

Front	Back	Bottom
7 Indicator light	13 Speaker	
8 IR LED (6pcs, 850nm)	14 Restart button	
9 PIR sensor (motion detection)	15 Charging port USB-C (5V/1A)	
10 Light sensor	16 MicroSD Card Slot	
11 Microphone	17 Power/Reset Button	
12 Camera lens	18 Tripod mount	

Button

Power / Reset Button	Power on	Press and hold for 2-3 seconds
	Power off	Quickly press 3 times within 2 seconds
	Reset	Press and hold for 5 seconds
	Wake up	Short press (in sleep state or in the state of low battery shutdown)
Restart button	Restart	Insert the pin into the hole, press and hold for more than 5 seconds and release

General information

Power connection

Connect the power supply to the camera power port, using the included solar module or a power adapter* (*not included) for first charge.

Before first use, fully charge the device with the USB charging cable in the box.



MicroSD card

Insert the MicroSD card with the notches facing the USB-C port.

Note: Take care while inserting the MicroSD into the slot. Otherwise, it could happen that you put the MicroSD into the device instead of into the MicroSD slot.

Supports MicroSD card for local storage (max. 128GB). To guarantee the normal use of MicroSD card, before inserting the MicroSD card, make sure its file system is FAT32 for 4-32GB and exFAT for 64-128GB. Check if there is more than 256MB space available.

For 64-128GB MicroSD cards it might be necessary to format the MicroSD card after inserting and configuration via the App.

IR LED

The device activates the infrared light automatically as soon as low illumination prevails. With the IR LEDs shining at night, you get black/white images/recordings at night.

Indicator light

Red light flashes quickly	Waiting for network connection
Red light flashes slowly	Network connection failed
Green light flashes quick	Network Connected successfully
Green light on	Motion detection
Yellow light flashes slow	OTA upgrading
Light off	Normal standby
Red light always on	Device malfunction
White light always on	Charging
White light off	Charging completed
White light quick blinks	Charging abnormal

Quick operation guide

TX-384 camera can only be configured by iOS or Android APP!

Preparation

1. The camera does not come fully charged due to safety regulations. Before first use, fully charge the device with the USB charging cable in the box.
2. Insert a MicroSD card* into the MicroSD card slot for saving recordings (*not included).

Note: A MicroSD card should be inserted into the camera before it can be operated. Before inserting or removing the MicroSD card, the camera must be in OFF Mode. Failing to do so may cause loss of or damage to the videos already recorded on the MicroSD card.

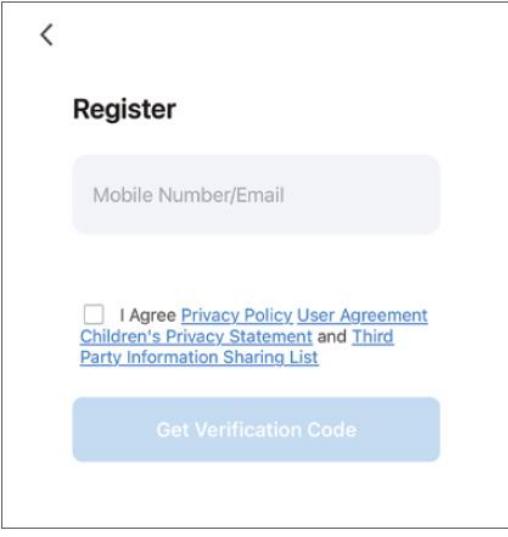
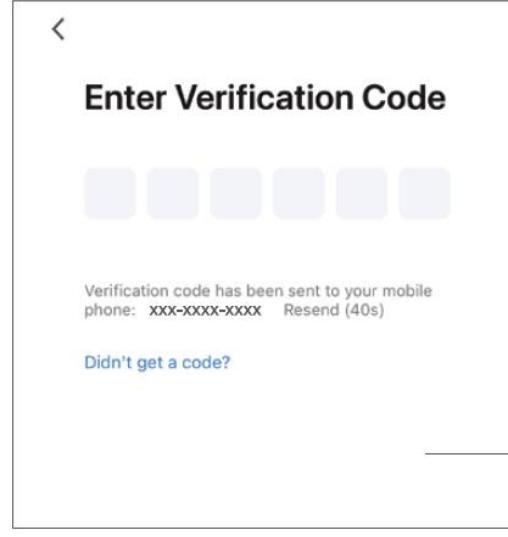
Get App

→ To download the App Tuya Smart from the Appstore or the Playstore search for “Tuya Smart” or scan the QR-code below.
[iOS 15.0 or above; Android 13.0 or above (11-2025)]

		
APP icon	iOS	Android

Register

- Open the Tuya Smart App on your device.
- Turn on the WIFI and Bluetooth of your phone and allow all permission for Tuya Smart.
- Register Account.
 1. On the login interface, click on register/create new account, enter your email, tick the box for data protection and terms of use.
 2. Press on verification code send.
 3. Enter the verification code send to your email.
 4. Enter an account password.
 5. Click on Confirm to create an account and login.

	
1	2

Add camera

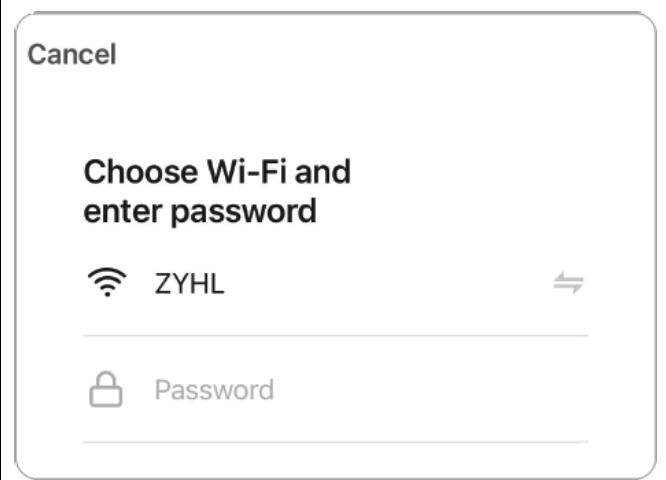
Know your WiFi network and password. Make sure your mobile device is running iOS15 or higher or Android 13 or higher. Make sure you're connecting to a 2.4GHz WiFi network (It can't connect to 5GHz networks).

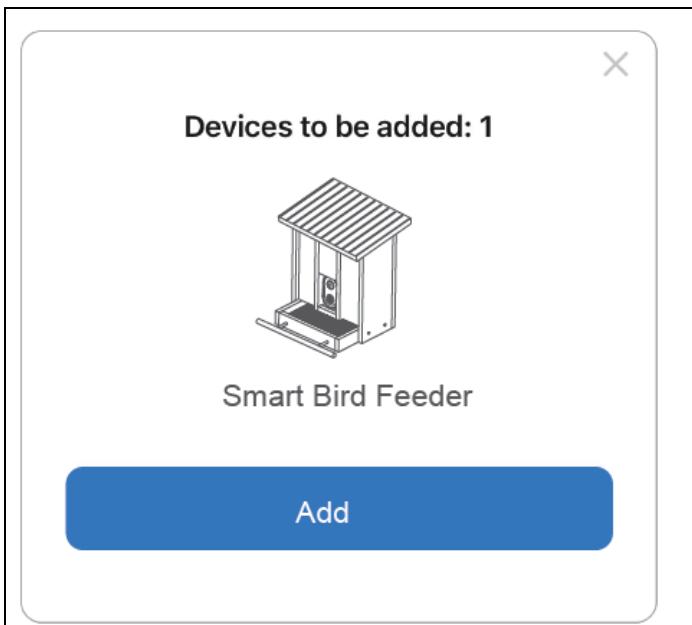
- Make sure WiFi is available and connected to the Internet.
- Make sure your camera has sufficient battery power.
- Turn on the camera and press the reset button for 5 seconds.
- When the camera plays "Please connect to the WiFi router" and the red-light flashes quickly, the camera enters the network configuration state.

1. When you enter the APP, the camera / smart bird feeder will automatically popup to add. If not pop up, you can tap "Add Device", the smart bird feeder will be displayed at the top of the interface.

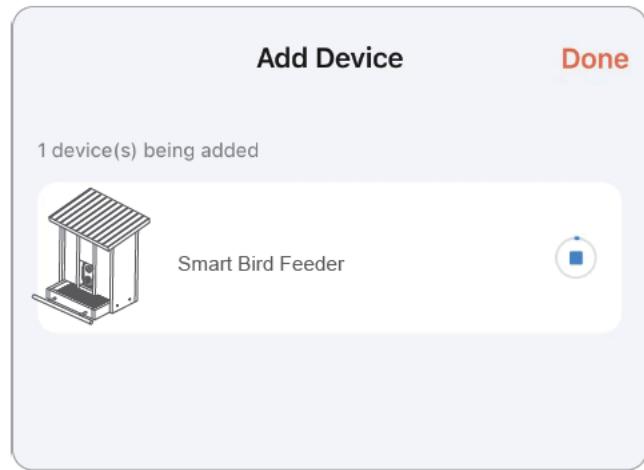
2. Tap " + " to add the smart bird feeder or just press add.

3. Enter the password of your WiFi (smart bird feeder only supports 2.4GHz WiFi). Click "Next".

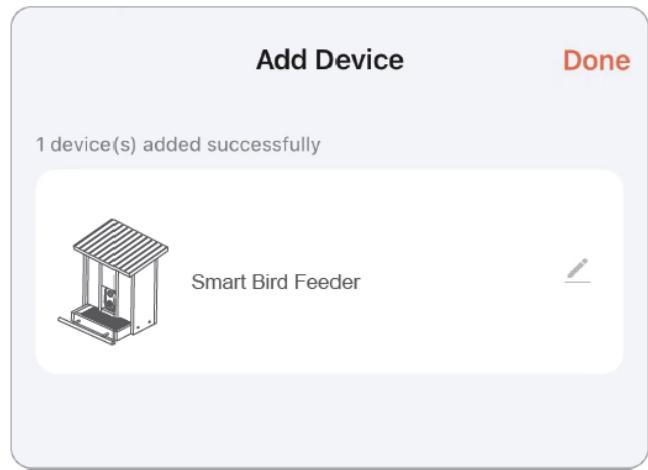




4. Adding (wait for the smart bird feeder to be added). Click "Next".

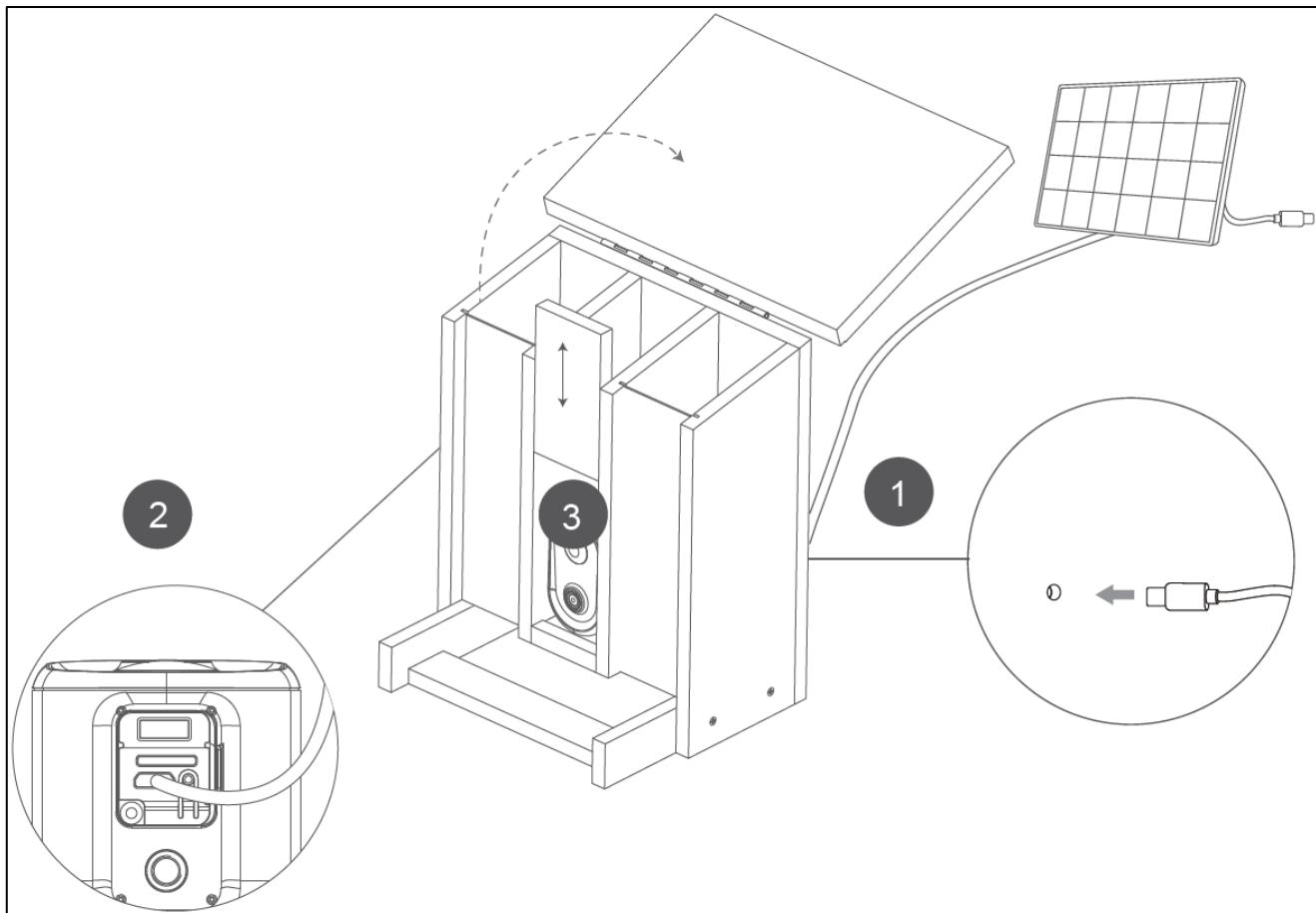


5. Click "Done".

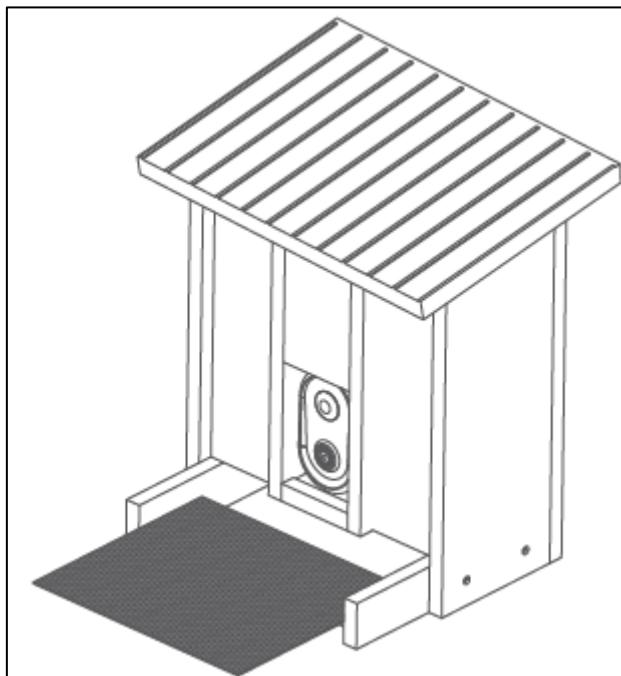


Assembly steps

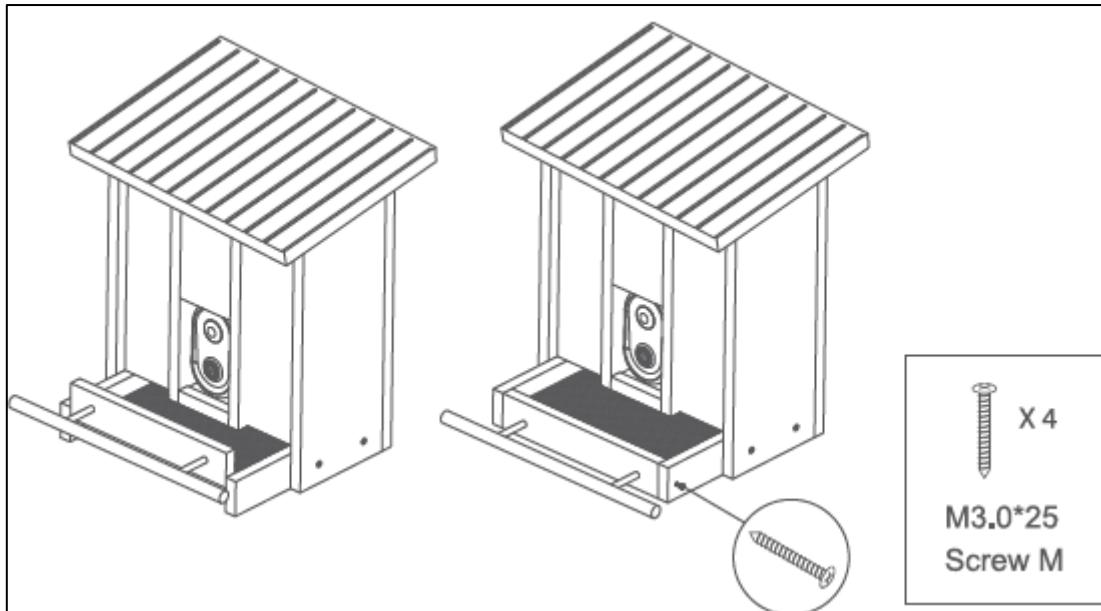
1. Pull the solar cable through the access port at the back of the feeder.
2. Connect the solar cable to the camera's charging port.
3. Take out the middle wooden block, put in the camera. Check correct positioning. Then again insert the wooden block.
4. Tear off the double-sided protective film in the acrylic sheet



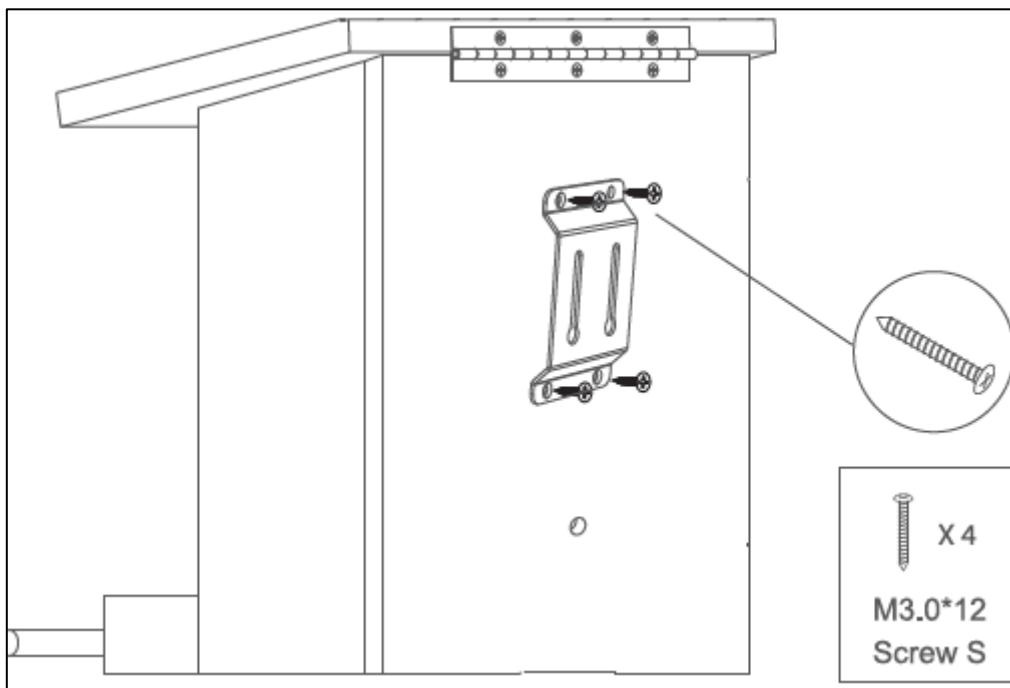
5. Insert the mesh board into the base.



6. Install the bird stand at the bottom of the bird feeder (using the screws M)



7. Secure the hanging bracket in the correct position on the back (using the screws S)

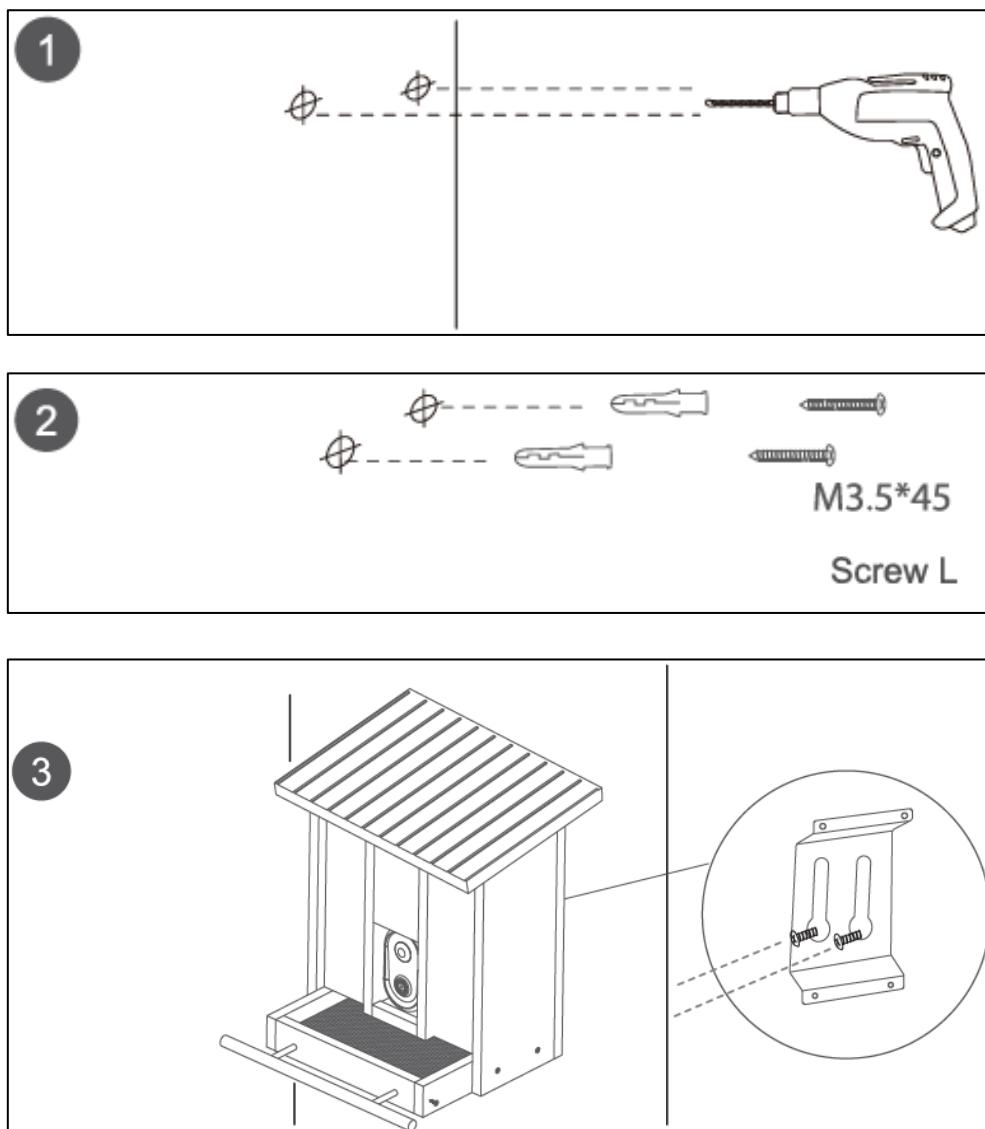


Mounting Wall mounted

Note: If you drill a hole in the wall, make sure that power cables, electrical cords and/or pipelines are not damaged. When using the supplied mounting material, we do not take the liability for professional installation. You are entirely responsible for ensuring that the mounting material is suitable for the masonry, and that the installation is done properly. When working at higher altitudes, there is danger of falling! Therefore, use suitable safeguards.

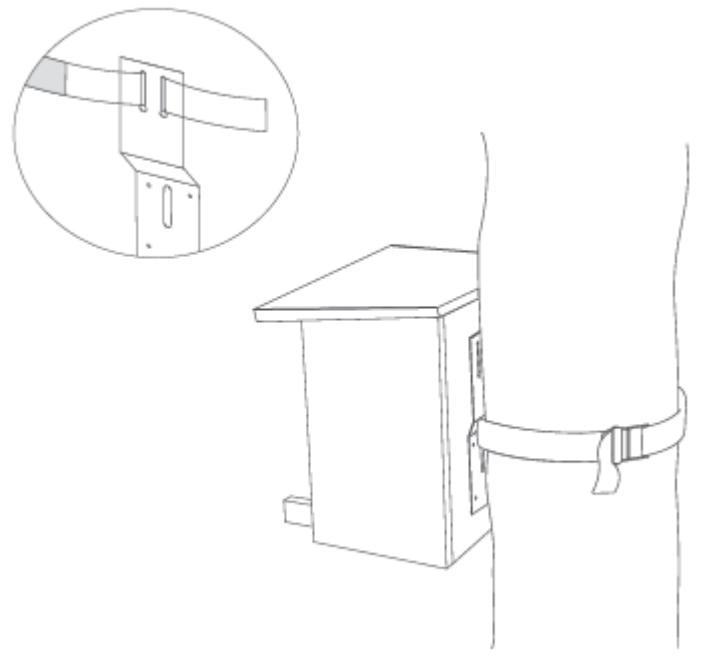
- Drill the two holes into the wall and insert the dowels. Use a hammer for a flush to finish with the wall.
- Screw in the screws.
- Hang the camera onto the screws.

1. Use the provided drill template to mark the locations of the holes, then use an electric drill (6mm) to drill two holes.
2. Drive the plastic dowel into the hole and then tighten the screw L.
3. Hang the feeder securely on the wall.



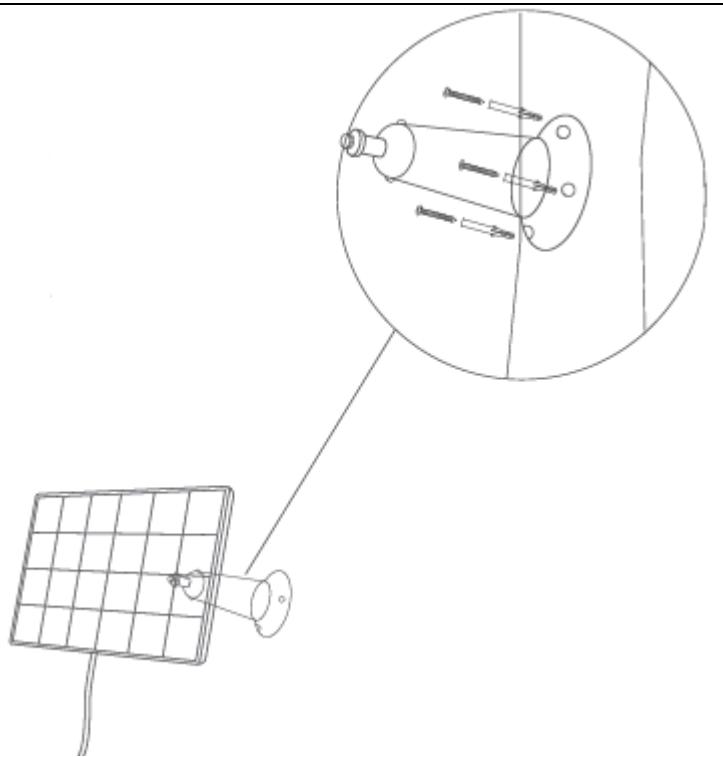
Tree mounted

Secure the bird feeder to the tree using the provided straps.



Install the solar module

Install the solar bracket in a sunny location facing south using the anchors and screws inside the packaging, then attach the solar panel to the bracket.



FAQs

Q1: Can I share with family and friends?

A1: Yes, you can share your cameras with family and friends who will have access to view the camera and control your bulbs, plugs, and other devices. In the app, press the Profile button and click on the “Home Management” button and you will be able to give or revoke sharing permissions. To share the other user should already have downloaded the app and registered a new account.

Q2: What is the Wireless range?

A2: The range of your home WiFi is heavily dependent on your home router and the conditions of the room. Check with your router specifications for exact range data.

Q3: How many cameras can I control?

A3: Tuya Smart app can control an unlimited number of devices in an unlimited amount of locations. Your router may have a limit of how many devices can be connected to one router.

Q4: My device cannot be connected to network with App.

A4: - Make sure the device is under the config status (indicator light flashes quickly).

- Make sure the WiFi is available and not too far away from router.
- Make sure the WiFi password you input is correct.

Q5: My device shows offline in my App.

A5: - Make sure the device is powered on.

- Make sure the network is stable and the WiFi name and password not modified. If not, add device again.
- If the network is normal, but it's still offline. Check if there are too many WiFi connections, you can restart your router to check the status of the device.

Technical Specifications

Camera	
Image sensor	3MP, 1/2.8" Color CMOS
Lens	f=2.53mm, F/No:1.6, fixed focus
Viewing angle (FOV)	Diagonal 166°
Day & Night	Auto. IR-cut filter
Minimum illumination	0.01 Lux (with infrared led on)
IR distance	~5m / 6pcs 850nm SMT IR LED
Video resolution	HD (2304x1296), SD(640x320)
Video frame rate	HD: 15fps; SD: 15fps
Video compression	H.264/H.265
Microphone	Built-in
Speaker	Built-in
Network	WiFi IEEE 802.11b/g/n
WiFi security	WEP / WPA / WPA2
WiFi distance	Max. 15m (open field)
Frequency range	2.412-2.472GHz
Radiated output power max.	100mW
Motion detection distance	Low sensitivity: 20cm Medium sensitivity: 50cm High sensitivity: 1.2m
Storage	Supports MicroSD(HC/XC) cards up to 128GB (FAT32/exFAT) (class10)
Power consumption	Day ≤ 1.25W / Night ≤ 1.75W
Battery	Built-in Li-Ion 18650 (5200mA, 3,7V) rechargeable, non-removable, charging protection
Power input	DC 5V / 1A, USB-C
Cable length	0.5m
Operating condition	-20 - 50°C; RH Less than 95% (No condensation)
App "Tuya Smart"	iOS 15.0 or above; Android 13.0 or above / EN, DE, FR, ES, IT, NL, SE, DK, NO, FI, CZ, PO (12-2025)
Material	ABS
Weight / Dimension	235g / (W) 5.8 x (D) 6.4 x (H) 9.5cm
Solar module	
Power	3W
Output	DC5V/0.6A, USB-C
Cable length	2.85m
Material	ABS + Monocrystalline silicon

Weight / Dimension	188g / (W) 17.5 x (D) 12 x (H) 1.5cm
Bird feeder	
Material	Fir wood
Weight / Dimension	1.945kg / (W) 23 x (D) 26.8 x (H) 29.2cm

Package contents

Bird Feeder, WiFi Camera, Solar module (2.85m), USB-C cable (0.5m), Hanging bracket, Mounting Strap, Solar bracket, 5x Screws & Dowels, User Manual

Support

Service phone No. for technical support: **01805 012643** (14 cent/minute from German fixed-line and 42 cent/minute from mobile networks). Free Email: **support@technaxx.de**

The support hotline is available Mon-Fri from 9am to 1pm & 2pm to 5pm
In the event of anomalies and accidents, please contact:
gpsr@technaxx.de

Care and maintenance

Clean the device only with a dry or slightly damp, lint-free cloth.

Do not use abrasive cleaners to clean the device.

This device is a high-precision optical instrument, so to avoid damage, please avoid the following practice:

- Use the device in ultra-high or ultra-low temperature.
- Keep it or use it in moist environment for long.
- Use it in rainfalls or in water.
- Deliver or use it in strongly shocking environment.

Declaration of Conformity



Technaxx Deutschland GmbH & Co. KG hereby declares that the radio equipment type TX-384 Prod. ID.:5422 is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address: www.technaxx.de/reseller

Disposal



Disposal of the packaging. Sort packaging materials by type upon disposal.

Dispose of cardboard and paperboard in the waste paper. Foils should be submitted for recyclables collection.



Disposing of old equipment (Applies in the European Union and other European countries with separate collections (collection of recyclable materials) Old equipment must not be disposed of with household waste! Every consumer is required by law to dispose of old devices that can no longer be used separately from household waste, e.g. at a collection point in his or her municipality or district. This ensures that the old devices are properly recycled and that negative effects on the environment are avoided. For this reason, electrical devices are marked with the symbol shown here.



Batteries and rechargeable batteries must not be disposed of in household waste! As a consumer, you are required by law to dispose of all batteries and rechargeable batteries, whether they contain harmful substances* or not, at a collection point in your community/city or with a retailer, to ensure that the batteries can be disposed of in an environmentally friendly manner. * marked with: Cd = cadmium, Hg = mercury, Pb = lead. Return your product to your collection point with the fully discharged battery installed inside!

Made in China

Distributed by:

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WiFi Birdcam Feeder TX-384