

Wired Floodlight Security Camera



2K
Live View

TC53

Product Name: Smart Floodlight Camera

 2800-Lumen Ultra-Bright Dimmable Floodlight

 Free Person/Pet/Vehicle Detection

 270° Motion-Activated Floodlight

 Free Local microSD Storage (Up to 512 GB)[†]



Built-in Siren &
Light Alarms

IP65 Water &
Dust Resistance

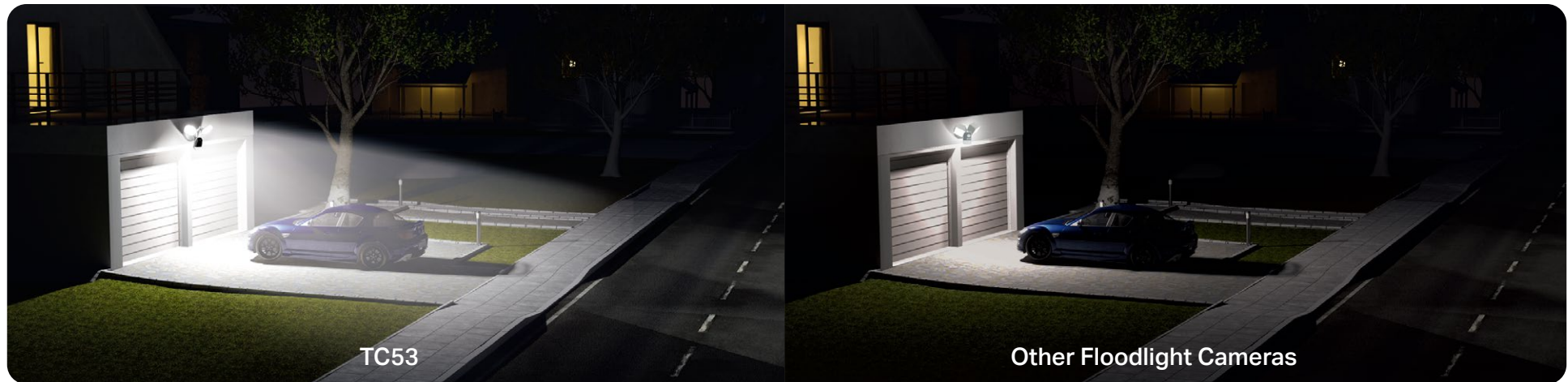
Instant Smartphone
Notifications*



// Highlights

Light the Night Up with the Ultra-Bright Floodlights

Monitor your yard from anywhere, day and night, with a 2800lm motion-activated floodlight, 2K full-color video, built-in siren, and more.



User-friendly App with Premium Features. No Subscription Required.

Secure and control your home from anywhere, anytime with the Tapo App—view live footage, speak to visitors, share clips, and tailor floodlight routines with ease.



Smart AI Detection

Identifies people, pets, and vehicles while only sending you alerts when truly needed.



Customizable Activity Zones

Set up customized detection zones to be alerted only in areas where you wish to monitor and block out zones you want hidden.



Dimmable Floodlight Control

Tailor your floodlight preferences—set schedules, adjust brightness, and personalize activation to fit your specific needs.

// Features



2800lm Angle-Adjustable Floodlights

Light up your yard, garage, or any other specific zone with high-intensity 2800 lumens and angle-adjustable lighting.



2K QHD Color Night Vision

Enhances your security with crystal-clear 2K QHD full-color images and vivid details even at night.



Smart AI Detection with Motion Tagging

Check live views with tagged movement when a person, pet, vehicle is detected.



270° Motion-Activated Floodlights

Deftly identifies moving objects and turns on the floodlights automatically within a 270° detection zone.



Customizable Sound Alarm

Record your customized audio as an alarm that plays when motion is detected.



Connect Directly to Wi-Fi

Easily connect the camera to your network wirelessly via 2.4 GHz Wi-Fi for a more flexible installation.



Two-Way Audio

Communicate in real time through a built-in microphone and speaker.



Local and Cloud Storage

Save recorded video on a microSD card (up to 512 GB).[†] No subscription required. Cloud storage[‡] is also supported for added flexibility.



IP65 Weatherproof

Offers excellent waterproof and dustproof performance for outdoor scenarios.

[†]microSD card needs to be purchased separately. Actual storage capacity depends on the size of the microSD card used.

[‡]Subscribe for cloud storage at <https://www.tapocare/>

For more information, please visit <https://www.tapo.com/>

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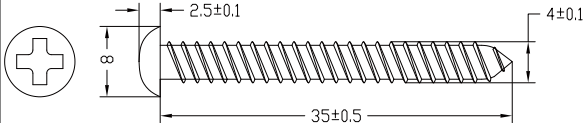
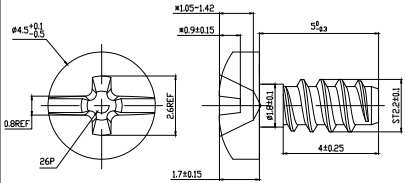
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// Specifications

Camera	Image Sensor	1/3" Progressive Scan CMOS Starlight Sensor
	Lens	Focal Length: 2.1 mm Aperture: F2.1 Field of View: 153° (Diagonal), 134° (Horizontal), 77.6° (Vertical)
	Night Vision	850 nm IR LED (98 ft / 29.9 m) Full-Color Night Vision
	Day/Night Switch	IR-Cut Filter with Auto-Switching
	Lighting	2× Floodlights (Color Temperature: 5000K, Brightness: 2800 Lumens)
	Interface & Button	1× RESET Button 1× microSD Card Slot (Up to 512 GB)
	Hub Compatibility	/
Video & Audio	Maximum Resolution	2560 × 1440 px
	Frame Rate	15 fps
	Digital Zoom	12x
	Video Compression	H.264
	Live View	Yes
	Image Enhancement	3DNR WDR

Video & Audio	Audio Input & Output	Built-in Microphone and Speaker
	Audio Communication	Two-Way Audio with Noise Cancellation
	Siren Volume	93 dB (Level measured at 4-inch/10-cm distance)
Storage	Local Storage	microSD Card Slot on Camera (Up to 512 GB)
	Cloud Storage	Tapo Care Cloud Storage Services (Subscription required)
Detection & Notification	Sensor	3 PIR Motion sensor (FOV: 270° horizontal) 1 Ambient Light Sensor
	AI Detection	Motion Detection Person Detection Pet Detection Vehicle Detection Line-Crossing Detection Tampering Detection
	Activity Zones	Yes *Only works with Motion Detection.
	Output Notification	System Notification System Notification with Snapshot (Tapo Care Services)
Network	Network Connectivity	Connect via Wi-Fi
	Wireless Connectivity	IEEE 802.11b/g/n, 2.4 GHz Wi-Fi
	Transmission Rate	11b: 11 Mbps 11g: 54 Mbps 11n: 144.4 Mbps

Network	Protocol	TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP
	Max. Distance Between Hub and Camera/Doorbell	/
	Ethernet Port	/
	RTSP	Yes
	ONVIF	Yes
Security	Security	On-Device Machine Learning 128-bit AES Encryption with SSL/TLS WPA/WPA2-PSK/WPA3
Power	Power Source	Hardwired Only
	Input Voltage	110-240 V, 50/60 Hz
	Output Voltage	/
	DC Power Connector Size	/
	Power Cord Length	2 x 160 mm insulated extension wire
	Typical Power Consumption	4.1 W
	Maximum Power Consumption	25.7 W
General	Certifications	CE, FCC, RoHS, RCM, ETL, UL

General	Smart Integration	Google Assistant, Amazon Alexa
	Weather Resistance	IP65
	System Requirements	Tapo App: iOS 11.0 or higher, Andriod 5.0 or higher
	Mounting Options	Ceiling-Mounted Wall-Mounted
	Operating Temperature	-20 °C ~ 45 °C (-4 °F ~ 113 °F)
	Storage Temperature	-20 °C ~ 60 °C (-4 °F ~ 140 °F)
	Operating Humidity	10% ~ 90% RH, Non-condensing
	Storage Humidity	0 ~ 90% RH, Non-condensing
	Charging Temperature	/
	Mounting Screw Size	
	SD Card Slot Cover Screw Size	
Dimensions	5.94 × 5.94 × 5.73 in (151 × 151 × 145.6 mm)	
Weight	24.2 oz / 686 g	

General	Package Contents	TC53 Camera Mounting Plate Plate Screws Mounting Bracket Bracket Screws Wire Nuts and Extension Wires Mounting Screws and Anchors Camera Screws and Screw caps Mounting Template Quick Start Guide
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