SONOFF CAM Outdoor DUO

Dual-lens outdoor camera with Zigbee hub · CAM-C44HE

An outdoor camera with two 4MP lenses – a fixed wide-angle lens and a pan-tilt (PTZ) lens – and a built-in Zigbee hub for SONOFF devices. It is controlled in the eWeLink app and records locally to a microSD card.

Scan for product details

Basic information

Model	CAM-C44HE
Power	12 V ⎓ 1 A (power adapter included), PoE not supported
Resolution	4MP + 4MP (fixed lens + PTZ lens)
Field of view	108°
PTZ rotation	horizontal 260°, vertical 90°
Video compression	HD: H.265, SD: H.264
Storage	microSD (TF) card up to 512 GB, not included; cloud storage not supported
Network	Wi-Fi 2.4 GHz and 5 GHz (IEEE 802.11a/b/g/n/ac/ax), Ethernet RJ45 10/100 Mbps
Zigbee	Zigbee 3.0 hub, up to 128 SONOFF devices
Protection	IP65 (camera body)
Operating conditions	−20 °C to 50 °C, 5–95 % RH, non-condensing
Dimensions / weight	130 × 179 × 167 mm / 547 g (without accessories)
Material	ABS + PC
App and integrations	eWeLink; Alexa, Google Home, IFTTT; ONVIF/RTSP

Safety instructions

- The camera body is rated IP65, but the included 12 V / 1 A power adapter is not waterproof – install it indoors or in a weather-protected enclosure.
- If the power connector is exposed outdoors, make sure it is tightly secured to prevent water ingress.
- If the network port is exposed outdoors, fit the waterproof cover – with or without a cable (see below).
- The camera is not powered via PoE; use the included 12 V / 1 A adapter.
- Due to the size of the waterproof connector, the manufacturer recommends a bare network cable with a separately crimped RJ45 connector rather than a pre-moulded cable with an integral boot.

Mounting

1. Attach the installation sticker at the desired position (wall or ceiling).
2. Drill the holes and insert the wall anchors (not needed for wooden surfaces).
3. Secure the camera with the screws.
4. The fixed lens can be adjusted horizontally by hand after installation.

Sealing the network port – with an Ethernet cable

1. Thread the network cable through the fixing nut, the waterproof ring and the waterproof jacket, in this order.

2. Insert the waterproof ring into the waterproof jacket.
3. Fit the O-ring onto the camera's network port and connect the network cable.
4. Attach the waterproof jacket to the network port and twist to lock.
5. Screw the fixing nut onto the waterproof jacket.

Sealing the network port – without an Ethernet cable

1. Insert the waterproof plug into the waterproof ring, then insert both into the waterproof jacket.
2. Fit the O-ring onto the camera's network port, attach the waterproof jacket and twist to lock.
3. Screw the fixing nut onto the waterproof jacket.

First start and adding to eWeLink

1. Download the eWeLink app from Google Play or the App Store.
2. Connect the power. On first use the camera enters pairing mode – the LED flashes in a cycle of two short flashes and one long flash.
3. Connect an Ethernet cable if you want to use a wired connection (optional).
4. In the app tap “Scan”, scan the QR code on the quick guide or on the camera, then select “Add Device”.
5. Follow the app until the device is shown as added.

> **Note:** If the camera is not paired within 30 minutes, it exits pairing mode. To enter it again, hold the button for about 5 seconds until the LED flashes in a cycle of two short flashes and one long flash.

Button and LED

Button – hold approx. 5 s	Enter pairing mode
LED: 2× short + 1× long (repeating)	Pairing mode
Status LED	Can be switched off in the app (More Settings → Status LED)

Adding Zigbee devices

1. Put the Zigbee device into pairing mode.
2. In the eWeLink app open the camera's gateway screen and tap “+ Add Device”.
3. Wait for the search to finish and add the device.

> **Warning:** The hub works only in the eWeLink app and only with SONOFF and eWeLink-ecosystem Zigbee devices (SWV valves, SNZB sensors, ZBMINI/ZBM5 switches, S40Lite/S60ZB plugs, TRVZB and others – see the firmware-specific list in the SONOFF Help Center). It does not work as a Zigbee gateway for Home Assistant.

> **Note:** The camera can also work in Router mode (e.g. for ZBBridge-P/U, iHost, NSPanel Pro, Home Assistant ZHA/Z2M). Switching to Router mode removes all connected end devices. Local scenes run on the camera itself, even without internet.

Home Assistant and NVR (ONVIF/RTSP)

Enable ONVIF/RTSP in the app (More Settings). The camera must be on the same local network as the NVR or PC; both the fixed and the PTZ view are available.

- RTSP (Generic Camera integration): live video in HD or SD.
- ONVIF (ONVIF integration): live video in SD, PTZ control, audio toggle, motion, person, vehicle and pet detection events.