

HIKVISION®

All you need to know
about Solar-powered
Security Camera Setups

Q & A



**Thermal
Solar-Powered Camera**



**4K ColorVu
Solar-Powered Camera**



**2MP Standard
Solar-Powered Camera**



Q1 What is included in the packaging of a solar-powered camera kit?

You will find: 1x solar panel with junction box, 1x battery, 1x camera module, 1 x mounting bracket, 1x battery charger, and 1x installation manual in the box. It is simple to assemble these parts. Please refer to the video clip <https://youtu.be/OmpGR38oZes>

Q2 Can I remotely live-view the solar camera, or playback recordings from my mobile phone?

It only takes a few steps to connect the solar-powered camera to your Hik-Connect application. Simply insert a 4G SIM card, power up the camera, connect your laptop to the camera with an ethernet cable, activate the device by SADPTool, log into the web interface, and enable 4G connection, recording plan, and Hik-Connect access. By scanning the QR code on the camera body, your camera will be ready to go on Hik-Connect.

You can live view and playback the camera anytime, from anywhere, with your mobile device.

Q3 How many days can the camera last without any sunlight?

The 8MP solar-powered camera model: DS-2XS6A87G0 can run up to 4.5 days in high-performance mode, and the thermal solar-powered camera model DS-2TXS2628-QA/GLT with up to 3.5 days in high-performance mode when there is no sunlight at all.

Q4 How can I recharge the battery of the solar-powered camera kit?

A battery charger is included in the package. We highly suggest you fully charge the battery before installation.

Q5 Can the camera resist heavy rain or cold weather? What is the IP rating?

The solar-powered camera is sturdily built and stable enough to withstand inclement weather. The camera has an IP67 rating and can resist level 12 wind. The camera and batteries operate at temperatures as low as minus 20° Celsius (-4° F).

Q6 What storage options are available, and what types of recording options does the camera support?

The solar-powered camera records on the local SD card, which supports up to 256GB maximum capacity. It supports various types of recording schedules, including continuous recording, motion recording, and event recording.

The camera can be remotely recorded – see 12, 13 for more details

Q7**Is it possible to access the configuration of the camera remotely?**

Yes. The solar-powered camera can be added to Hik-ProConnect, which will allow you to access the configuration from the cloud server. Alternatively, some Internet Service Providers offer static IP service which allows access to the web interface.

Q8**What types of events does the solar-powered camera support?**

The solar camera supports:

Smart VCA events:

Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, and object removal detection.

Basic Events:

Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)

Q9**Will the camera send a notification if the battery is low?**

Yes the camera will send a low battery notification to Hik-Connect when the battery is below 25%. The threshold can be adjusted from the settings. The battery status can be monitored from the live view of the camera, or from HikCentral Professional to check the battery status history.

Q10**Can I monitor the data consumption of the 4g network service from the camera?**

Yes. The data consumption can be displayed on the live view of the camera – firmware v5.7.11 or higher supports this function.

Q11**How to create a time-lapse video from the camera?**

Configure the camera to capture pictures at a regular interval, and save the picture to the storage card. Alternatively, the picture can be uploaded to an FTP server or a NAS on the cloud, so images can be stored remotely. Then you may post-process the images and combine them into one video file using third-party software.

Q12**How to add the camera to other VMS systems?**

You can add the solar-powered camera to other VMS platforms by IP address or DDNS service. It would require a static IP mobile service from your local internet service providers.

Q13**Does the solar-powered camera support recording remotely?**

Yes. The camera can record offsite with an I series NVR (with special firmware). This will copy event footage from local storage to NVR. You can also set the cameras to record on HikCentral Professional storage devices or other third-party VMS platforms.