HIKVISION®



HikCentral Professional

HikCentral Connect

# SOLAR-POWERED & CABLE-FREE

# - UNLIMITED SECURITY!

*Hikvision Integrated Solar-Powered Security Solution*

# Unlocking New Security Possibilities with Cable-free Solar Power

In recent years, the global trend towards solar energy as a key component of low-carbon initiatives has been growing, all around the world.
Governments, businesses, and individuals have recognized the environmental and economic benefits of solar power, now becoming increasingly competitive with traditional sources of energy.

The security industry is joining this positive surge as well. For security systems in areas without available electricity or network connection, solar-powered devices provide two key advantages:

**Firstly,** they greatly reduce installations costs, thereby expanding opportunities for just about any budget.

**Secondly,** solar energy and wireless transmission can provide stable power supply and data transmission, overcoming long-standing limits to video security monitoring.

With the increasing demand for environmentally-friendly solutions, coupled with advancements in solar power technology, more and more security systems are being powered by the sun and connected wirelessly.

Are you struggling to equip remote or standalone sites in rural or hard-to-reach areas? Installing power and data cabling in these areas poses significant difficulties, such as high costs, inaccessible terrain, and other challenges. Additionally, in a temporary application such as a construction site, for example, a fast and flexible security solution with easy setup and removal is what you need. Conventional security systems are often not equipped to handle these scenarios.

Hikvision's Integrated Solar-powered Solution breaks free from power and network cables, giving you a flexible and reliable way to manage outdoor standalone sites and temporary applications. That's right – power from the sun, wireless data, and high performance security video.

Read on to learn more details about these kits and how this solution can bring advanced security to your unique setting.

**All-in-one solution**
Reduces power and data wiring costs

**Reliable performance**
Designed for various scenarios

**Always ready**
Fast and flexible for temporary deployment

**Remote management**
Makes outdoor protection simple and convenient



# INTEGRATED SOLUTION FOR STANDALONE SITE PROTECTION

Standalone sites typically lack basic infrastructure. High costs and difficult terrain for electricity and internet wiring pose serious challenges for security installations, plus the additional time required to complete the job.

Here, we provide 4G and wireless bridge solutions for areas without power supply and internet connection, making standalone site management flexible, reliable and simple.

## Various Application Scenarios



Protect expansive properties with wide-angle cameras



Protect outdoor public areas with solar-powered PTZ cameras



Enhance remote highway safety with solar-powered varifocal cameras









## No Power Cords or Internet Cables Required!

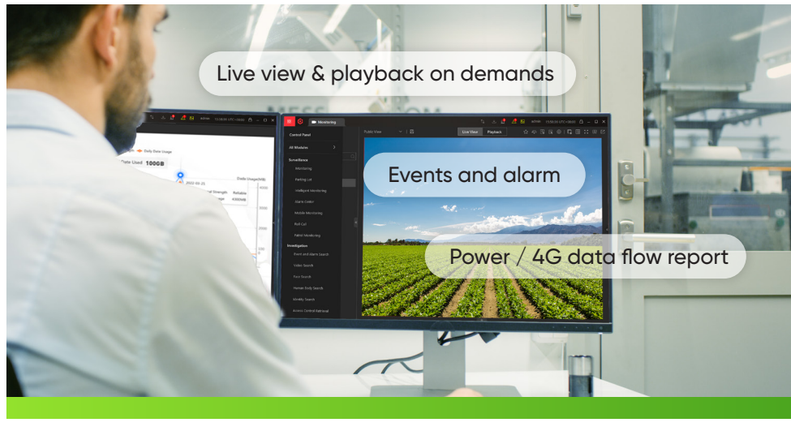
All-in-one solution – Powered by solar energy, and using 4G/wireless bridges, costs are vastly reduced. Poor infrastructure is no longer a barrier.



## Sturdy Performance, Peace of Mind

Stable and reliable design – This integrated solution monitors 24/7 with sharp details and color imaging. Our low-power, large-storage, and reliable solution system withstands strong winds and rainstorms.

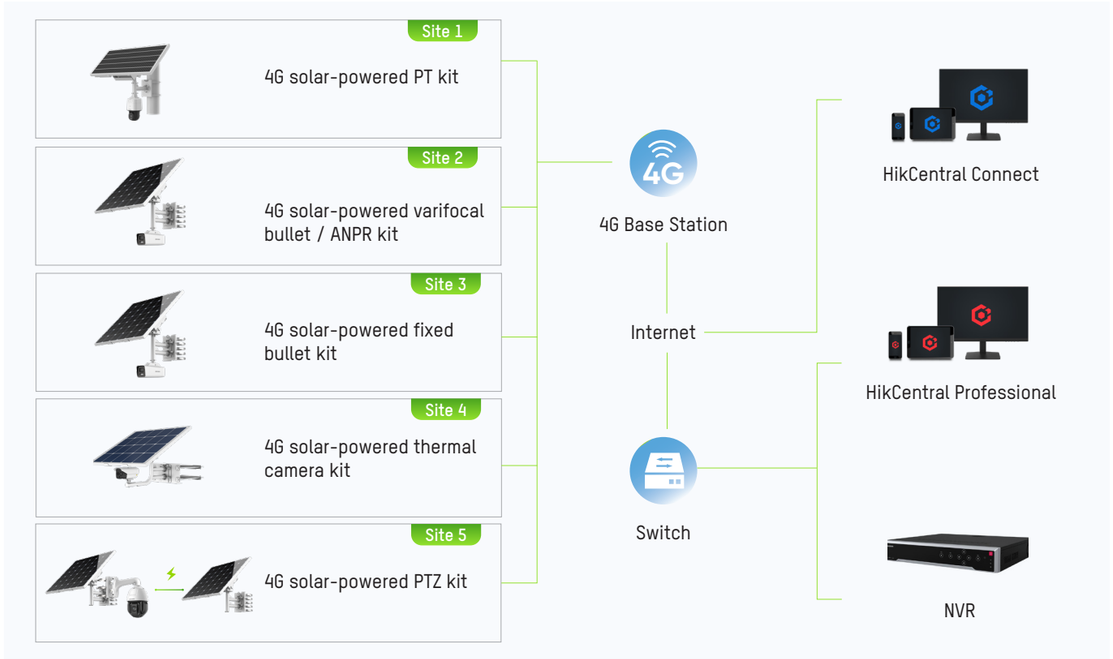
Steady data transmission – The built-in 4G module resolves pain points around internet wiring. No 4G signal? No problem! Enjoy easy and fast data transmission via wireless bridges with no extra fees.




## Remote Management, Stay Informed

Our integrated solution is managed via HikCentral Professional / HikCentral Connect, so it's efficient and easy. Our unified platform allows you to check the power and data flow of any connected camera and get instant notifications of events.

# Integrated Solar-Powered Security – 4G Solution Product Showcase




## 4G solar-powered PT kit



DS-2XS3Q47G1-LD/4G/C18S40
DS-2XS3Q47G1-LDH/4G/C18S40

- 180WH+40w
- Support ColorVu
- Light weight and easy to install by a single person
- Typical power scenarios 1.85 W (4G working)

## 4G solar-powered varifocal bullet / ANPR kit



DS-2XS6A46G1-IZS/C36S80
DS-2XS6A46G1/P-IZS/C36S80 (support ANPR)

- 360WH+80W
- focal Length:2.8-12mm, 8-32mm
- Built-in storage 256GB/1TB

## 4G solar-powered fixed bullet kit



DS-2XS6A47G1-LS/C36S80
DS-2XS6A87G1-LS/C36S80

- 360WH+80W, 4MP/8MP
- AcuSense & ColorVu
- Average 24h power consumption: 2w

## 4G solar-powered PTZ kit



DS-2DE5425IWG-K/4G

- 360WH+80W
- Support PTZ
- Built-in storage 256GB

## 4G solar-powered thermal camera kit



DS-2TXS2628-3P/QA/GLT/CH30S80
DS-2TXS2628-7P/QA/GLT/CH30S80
DS-2TXS2628-10P/QA/GLT/CH30S80

- 320WH+80W, 256 x 192
- focal Length: 3.6/6.9/9.7 mm
- Average 24h power consumption: 2.97w

## Solar power kit



DS-2XS6K01-C36S80

- Two 9~12.6 VDC interfaces, 30W max
- Four batteries with 360 WH power
- 80 W solar panel
- A solar-powered camera kit can add a solar power kit to expand the total power supply

## 4G Solar-Powered Fixed Bullet



DS-2XS2T47G1-LD/4G/C18S40
DS-2XS2T47G1-LDH/4G/C18S40
(H: Built-in heater for the battery -20°)

- 180WH+ 40W
- Support ColorVu
- (Not support NVR, support HCP – in performance mode, support HCC)

## NVR



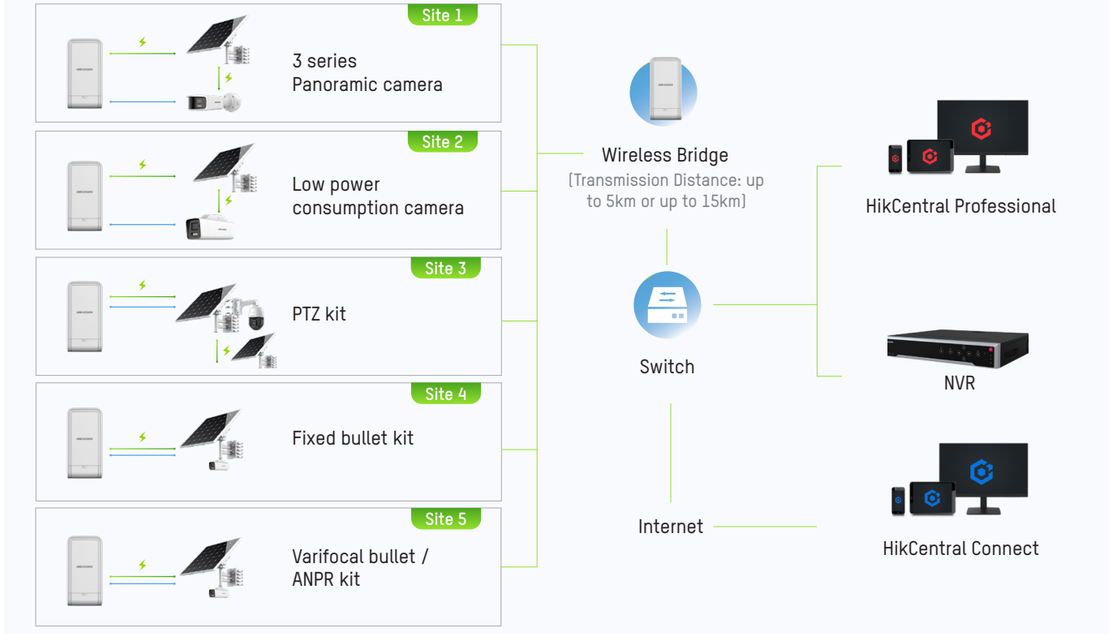
DS-76xxNI-M2 (xx=08, 16)
DS-77xxNI-M4 (xx=16, 32)
DS-96xxNI-M8 (xx=16, 32, 64)

- xx=Up to xx-ch IP Camera inputs;
- DS-76xxNI-M2 & DS-77xxNI-M4
  xx=08: Up to 8-ch@8 MP decoding capacity;
  xx=16: Up to 16-ch@4 MP decoding capacity
  xx=32: Up to 32-ch@1080p decoding capacity;
- DS-96xxNI-M8:
  Up to 32-ch@1080p decoding capacity;

## HikCentral Connect V1.3

## HikCentral Professional V2.4.1

# Integrated Solar-Powered Security – Wireless Bridge Solution Product Showcase




## Solar-powered fixed bullet kit



DS-2XS6A47G1-LS/C36S80
DS-2XS6A87G1-LS/C36S80

- 360WH+80W, 4MP/8MP
- AcuSense & ColorVu
- Average 24h power consumption: 2w
- With a DC 12V output interface

## Solar-powered PTZ kit



DS-2DE5425IWG-K/4G

- 360WH+80W
- Support PTZ
- Built-in storage 256GB
- With a DC 12V output interface

## Low power consumption camera

DS-2CD3xx6G2(H)
DS-2CD3xx6G2H

- Low power consumption mode can reduce power consumption by approximately 40%



DS-2DE5425IWG-4G
DS-2XS6A47G1-LS/4G
DS-2XS6A87G1-LS/4G
DS-2XS6A46G1-IZS/4G

- With 3 modes (performance, proactive, and standby)

DS-2TD2628-3/QA/GLT
DS-2TD2628-7/QA/GLT
DS-2TD2628-10/QA/GLT

- Thermal cameras support 2 modes (performance, and standby)

## Solar Power kit



DS-2XS6K01-C36S80

- Two 9~12.6 VDC interfaces, 30W max, can power a camera and a wireless bridge simultaneously
- Four batteries with 360 WH power
- 80 W solar panel
- Solar-powered camera kit can add a solar power kit to expand the total power supply

## Wireless bridge



DS-3WF02C-5AC/O (up to 5km)
DS-3WF03C-5AC/O (up to 15km)

- One bridge connects max 2 cameras
- A central bridge can access max 4 bridges
- Supports 12 VDC and passive PoE
- Frequency Range: 5.8GHz

## 3 series panoramic camera



DS-2CD3T87G2P-LSU/SL(4mm)
DS-2CD3387G2P-LSU/SL(4mm)

- 8 MP Panoramic ColorVu AcuSense
- Built-in speaker & microphone
- Strobe Light and Audio

## Solar-powered varifocal bullet / ANPR kit



DS-2XS6A46G1-IZS/C36S80
DS-2XS6A46G1/P-IZS/C36S80 (support ANPR

- 360WH+80W
- focal Length:2.8-12mm, 8-32mm
- Built-in storage 256GB/1TB
- With a DC 12V output interface to power the wireless bridge

## NVR



DS-76xxNI-M2 (xx=08, 16)
DS-77xxNI-M4 (xx=16, 32)
DS-96xxNI-M8 (xx=16, 32, 64)

- xx=Up to xx-ch IP Camera inputs;
- DS-76xxNI-M2 & DS-77xxNI-M4
  xx=08: Up to 8-ch@8 MP decoding capacity;
  xx=16: Up to 16-ch@4 MP decoding capacity
  xx=32: Up to 32-ch@1080p decoding capacity;
- DS-96xxNI-M8:
  Up to 32-ch@1080p decoding capacity;

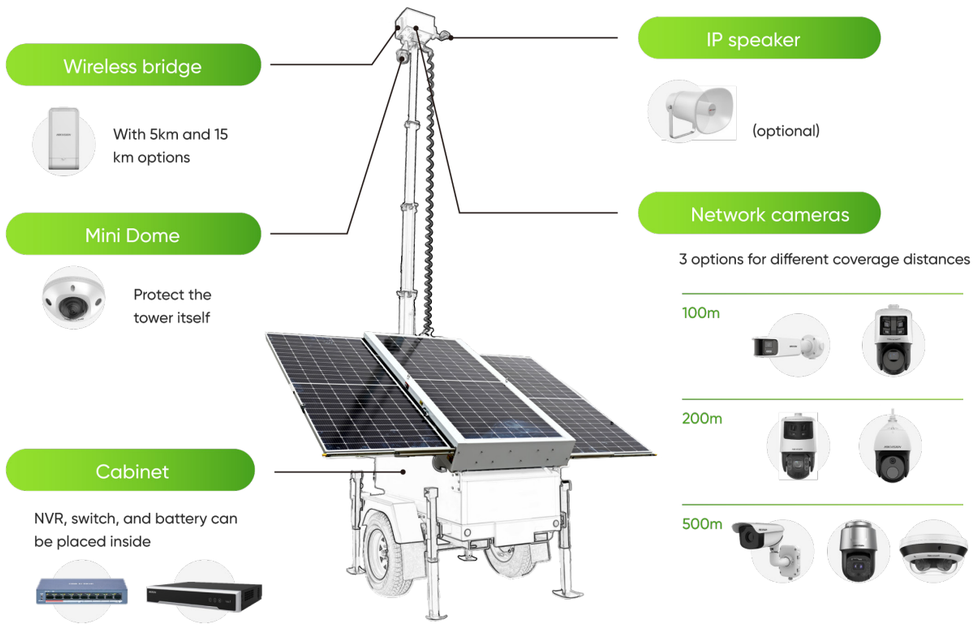
## HikCentral Professional V2.4.1

## HikCentral Connect V1.3



# MOBILE SOLAR SECURITY TOWERS FOR TEMPORARY DEPLOYMENT

Many outdoor areas such as construction sites or oil and gas fields require temporary security deployment. In these situations, flexible and easy-to-install video security is necessary to protect critical assets. That's where Hikvision's Mobile Solar Security Tower comes in.









## Mobile and Agile, Always Ready

Fast setup – No complicated electricity or data wiring are required. The mobile tower can integrate a variety of CCTV products, wireless bridges and IP speakers – quickly and easily.

Easy to move, easy to deploy – Position the tower wherever you need video security protection.

## Reliable Performance, Around-the-clock

Multiple intelligent functions – Color imaging 24/7 and a host of features bring reliable, high-quality video protection across whole sites.

Efficient remote management – Unified software platforms give maximize convenience and simplify management.

## Various Application Scenarios




Temporary parking lot protection with wide-angle cameras

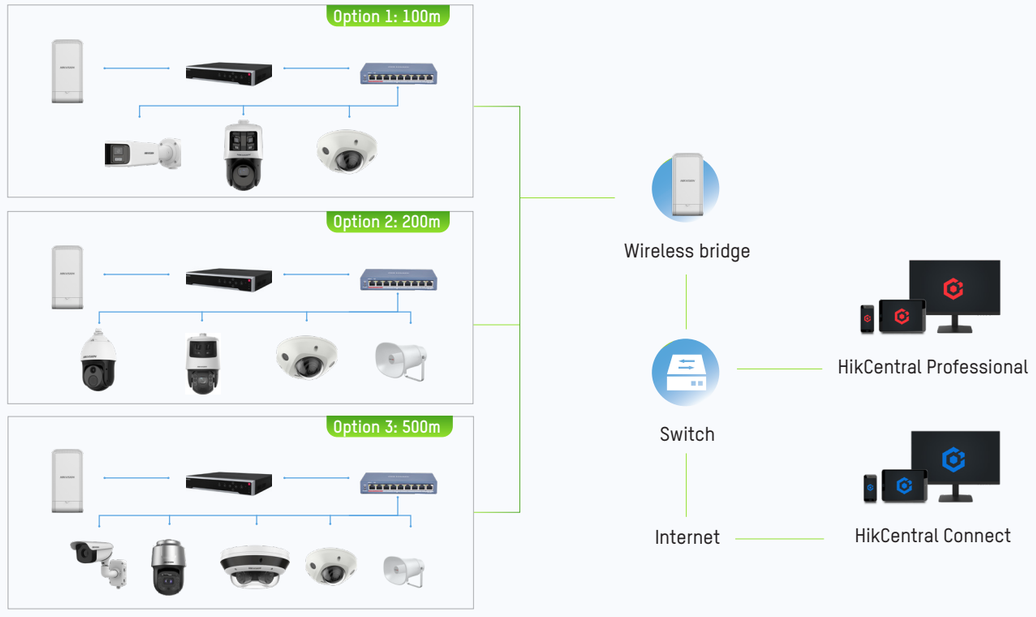



Video security for construction sites with 24/7 color imaging and live guard




All-weather protection for oil and gas fields with solar-powered thermal cameras

# Mobile Solar Security Tower Solution Key Product Showcase




## SE7C TandemVu camera

DS-2SE7C432MWG-EB/26(F0)



- 4M @ 32x zoom
- 180°±5° for fix len
- PTZ: IR 200 meters; Fix len: LED 30 meters
- AC24V

## Thermal & Optical Bi-spectrum Network Speed Dome

DS-2TD4238-25/S2



- VCA Range (humans: 1.8*0.5m) up to 250m
- Smart tracking: Panorama tracking, Event tracking and Multi-scene patrol tracking
- Smart tracking linkage: thermal view and optical view

## Network speaker

DS-QA6H07G1-E
DS-QA6H25G1-E



- Video & Audio Linkage: Combine Network speaker with CCTV for higher protection
- IP 66, IP 67

## Thermal Bullet camera

DS-2TD2367-75/PY



- VCA Range (humans: 1.8*0.5m) up to 500m
- Perimeter protection functions (line crossing, intrusion, region entrance & exit
- Temperature exception alarm
- Anti-corrosion coating

## 3 series panoramic camera

DS-2CD3T87G2P-LSU/SL(4mm)
DS-2CD3387G2P-LSU/SL(4mm)



- 8 MP Panoramic ColorVu AcuSense
- LED light 40 meters
- Built-in speaker & microphone
- Strobe Light and Audio

## SE4C TandemVu camera

DS-2SE4C425MWG-E/26(F0)



- PTZ□4M @ 25x zoom
- Panoramic channel□6M @ 180°±10°
- PTZ: IR 100 meters, Panoramic channel: LED 30 meters
- AC24V

## 8-inch Laser PTZ

DS-2DF8C2601I5XG-ELW(0-STD)



- 2MP 60x optical zoom lens
- Expansive night view with up to 500m laser distance
- Support face capture, road traffic, smart tracking
- Support Smart-Pan-Tilt Correction

## PanoVu Network Camera

DS-2CD6D54G1-IZS(2.8-8mm



- 4-Directional Multisensor Network Camera
- 20MP(4 * 5MP)
- 360° field of view

## Switch

DS-3E0109P-E



- Max. port power 30W
- PoE power budget 60W
- Ports 1 to 8: up to 300 m, and the speed rate of the port is 10 Mbps

## Mini Dome camera

DS-2CD3546G2-IS



- 4MP mini dome
- Using for protecting the tower itself
- IP 67

## NVR

DS-7608NI-M2
DS-7716NI-M4



- Up to 8-ch@8MP decoding capacity
- Up to 16-ch@4MP decoding capacity

## Wireless bridge

DS-3WF02C-5AC/O (up to 5km)
DS-3WF03C-5AC/O (up to 15km)



- One bridge connects max 2 cameras
- A central bridge can access max 4 bridges
- Supports 12 VDC and passive PoE
- Working Frequency Band: 5150 - 5250 MHz; 5250 to 5350 MHz (DFS); 5470 to 5725 MHz (DFS); 5725 to 5850 MHz
- Channel Width: 20/40/80 MHz

## HikCentral Professional V2.4.1

## HikCentral Connect V1.3


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