

**HIKVISION®**



**SOLAR-POWERED  
& CABLE-FREE**

**- UNLIMITED SECURITY!**

Hikvision Integrated Solar-Powered Security Solution

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 installation 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.

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

## Unlocking New Security Possibilities with Cable-free Solar Power

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!

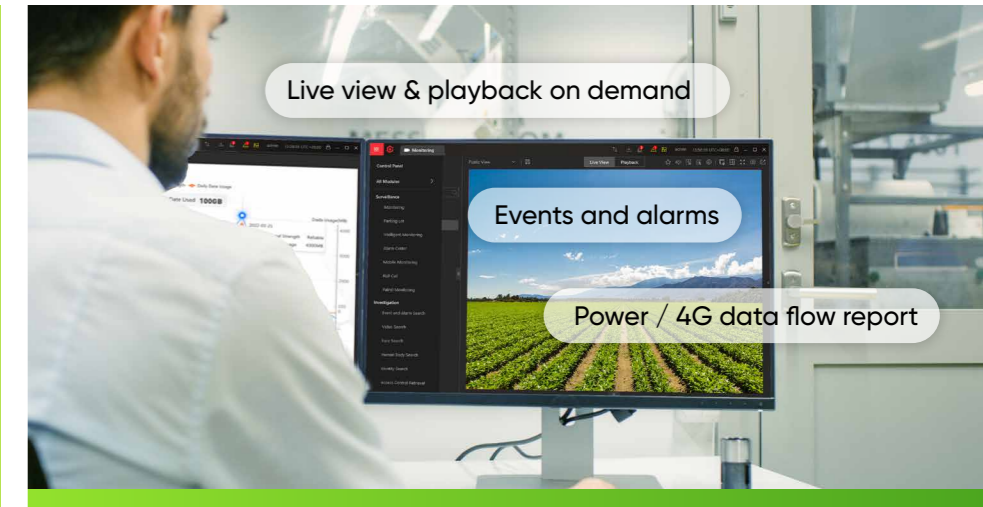
All-in-one solution – Powered by solar energy, and using 4G/wireless bridges, costs are vastly reduced. Poor infrastructure is no longer a barrier.



## Sturdy Performance, Peace of Mind

Stable and reliable design – This integrated solution monitors 24/7 with sharp details and colour 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.



Live view & playback on demand

Events and alarms

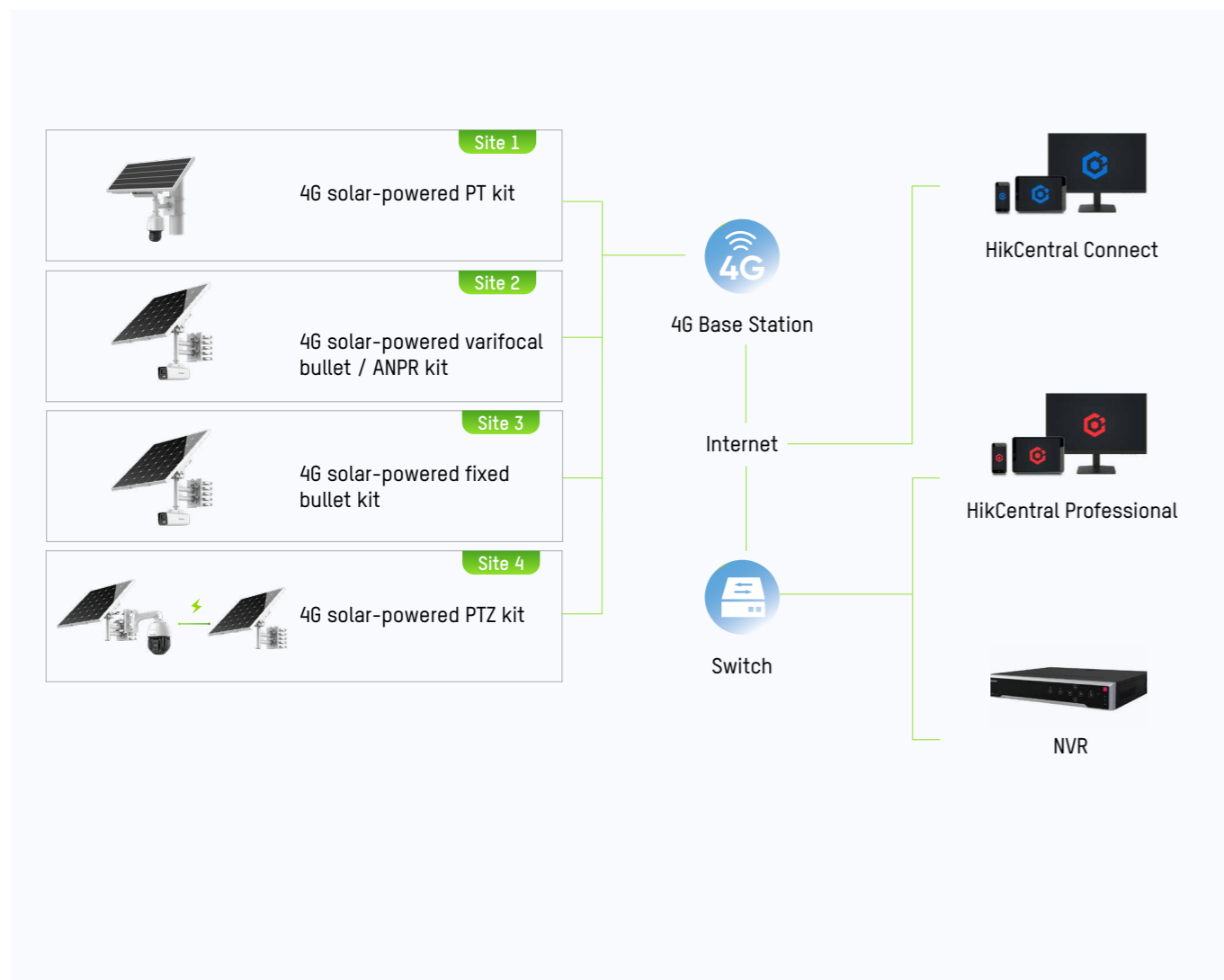
Power / 4G data flow report

## 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 fixed bullet kit

DS-2XS6A87G1-LS/C36S80



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

## 4G solar-powered PTZ kit

DS-2DE5425IWG-K/4G



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

## 4G solar-powered varifocal bullet

DS-2XS6A46G1-IZS/C36S80



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

## Solar power kit

DS-2XS6K01-C36S80  
DS-2XS6K02-C36S80\*



\*(External power compatible)

- 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
- Supports ColorVu
- (Does 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;

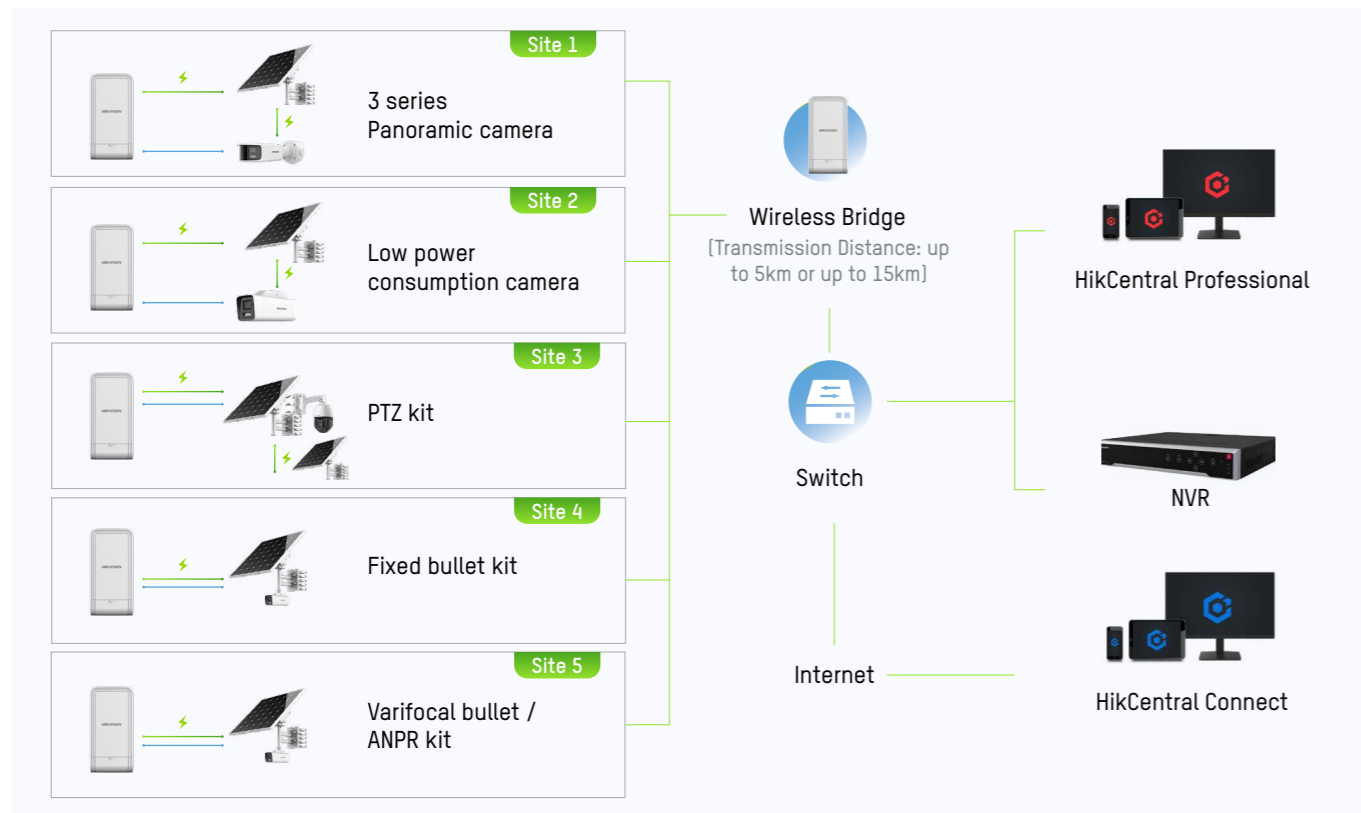
HikCentral Connect V1.3



HikCentral Professional V2.4.1



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



## 2 series panoramic camera

DS-2CD2T8762P-LSU/SL(4mm)  
DS-2CD238762P-LSU/SL(4mm)

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



## Solar-powered varifocal bullet

DS-2XS6A46G1-IZS/C36S80

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



## Solar-powered fixed bullet kit

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

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



## Solar-powered PTZ kit

DS-2DE5425IWG-K/4G

- 360WH+80W
- Support PTZ
- Built-in storage 256GB
- 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-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  
DS-2XS6K02-C36S80  
[External power compatible]

- 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/0 (up to 5km)

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



## NVR

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



HikCentral Professional V2.4.1

- 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

### Solar-powered thermal camera kit

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



- 256 × 192 resolution, 12 μm, VOx UFPA, NETD < 40 mK (25°C, F1.0)
- Video content analysis: vehicle/human classification
- 80 W photovoltaic panel, 30 Ah chargeable lithium battery
- Temperature exception alarm for fire prevention, -20°C to 150°C (-4°F to 302°F), ± 8°C (± 14.4°F)
- LTE-TDD/LTE-FDD/WCDMA 4G wireless network transmission, support Micro SIM card
- Water and dust resistant (IP67)
- Embedded audible alert and strobe light
- High quality detector with 10 years guarantee

### Battery

DS-2FSC09-L

- 90Wh battery module
- Supports 12VDC power supply for charging



<b>Hikvision Australia</b> T +61-2-8599-4233 salesau@hikvision.com	<b>Hikvision Azerbaijan</b> T +994 50 369 81 57 Azerbaijan.CATC@hikvision.com	<b>Hikvision Brazil</b> T +55-11-3318-0050 Latam.support@hikvision.com	<b>Hikvision Canada</b> T +1-866-200-6690 sales.canada@hikvision.com	<b>Hikvision Colombia</b> sales.colombia@hikvision.com
<b>Hikvision Czech</b> T +420 29 6182640 info.cz@hikvision.com	<b>Hikvision Egypt</b> T +20223066117 sales.eg@hikvision.com	<b>Hikvision Europe</b> T +31 23 5542770 sales.eu@hikvision.com	<b>Hikvision France</b> T +33(0)1 85 330 450 info.fr@hikvision.com	<b>Hikvision Germany</b> sales.dach@hikvision.com
<b>Hikvision Hong Kong , China</b> sales.hk@hikvision.com	<b>Hikvision Hungary KFT</b> info.hu@hikvision.com	<b>Hikvision India</b> T +91-22-6855 9944 sales@pramahikvision.com	<b>Hikvision Indonesia</b> T +6221 2933 9366 Sales.Indonesia@hikvision.com	<b>Hikvision Israel</b> T +972 79 5555590 sales.israel@hikvision.com
<b>Hikvision Italy</b> T +39 0438 6902 info.it@hikvision.com	<b>Hikvision Kazakhstan</b> T +7 (727) 291-75-88 support@hikvision.kz	<b>Hikvision Kenya</b> wangchengbin@hikvision.com	<b>Hikvision Korea</b> T +82-1661-8138 sales.korea@hikvision.com	<b>Hikvision Malaysia</b> T +60327224000 sales.my@hikvision.com
<b>Hikvision Mexico</b> T +52 55 2624 0110 sales.mexico@hikvision.com	<b>Hikvision New Zealand</b> T 09 217 3127 salesnz@hikvision.com	<b>Hikvision New Panama</b> Sales.centralamerica@hikvision.com	<b>Hikvision Pakistan</b> T +92 2135147526 support.pk@hikvision.com	<b>Hikvision Philippines</b> support.ph@hikvision.com
<b>Hikvision Poland</b> T +48 22 460 01 50 info.pl@hikvision.com	<b>Hikvision Russia</b> T +7 495 669 67 99 saleru@hikvision.com	<b>Hikvision Romania</b> marketing.ro@hikvision.com	<b>Hikvision Singapore</b> T +65 6684 4718 sg@hikvision.com	<b>Hikvision South Africa</b> T +27 877018113 sale.africa@hikvision.com
<b>Hikvision Spain</b> T +34 91 737 16 55 info.es@hikvision.com	<b>Hikvision Tashkent</b> T +99-87-1238-9438 uzb@hikvision.ru	<b>Hikvision Thailand</b> sales.thailand@hikvision.com	<b>Hikvision Turkey</b> T +90 216 521 70 70 support.tr@hikvision.com	<b>Hikvision UAE</b> T +971-4-4432090 salesme@hikvision.com
<b>Hikvision UK &amp; Ireland</b> T +44(0)1628 902 140 info.uk@hikvision.com	<b>Hikvision Uzbekistan</b> T +998-71-233-55-50 uzbekistan@hikvision.com	<b>Hikvision USA</b> T +1-909-895-0400 sales.usa@hikvision.com	<b>Hikvision Vietnam</b> T +84 24 7300 7586 sale.vn@hikvision.com	

- hikvision\_ca
- Hikvision Canada
- Hikvision Corporate Channel
- Hikvision Canada
- Hikvision Canada



**Hikvision**  
 Toronto Office  
 2355 Skymark Avenue, Suite 300,  
 Mississauga, ON, L4W 4Y6  
 Tel: +1-855-655-9888 (Toll-free)  
 Technical Support: techsupport.ca@hikvision.com

**HIKVISION**



**INTEGRATED SOLAR-POWERED  
SECURITY SOLUTION**