



DivioTec Joins COP21 to Fight for Climate Justice



Save Money, Save the Planet, Save life itself with Renewable Value



- The 2015 United Nations Climate Change Conference, COP 21 or CMP 11 was held in Paris, France, from 30 November to 12 December 2015.

- "The decisive agreement for the planet is here and now," Mr. Hollande told countries.

- "The Paris deal is not just about reducing emissions, but also about protecting vulnerable places and people," WWF-UK chief executive David Nussbaum

To increase the value and expand DivioTec's capability in the surveillance market, new innovations in the field of solar & wind-power system have offered DivioTec an opportunity to become a pioneer in the market.

DivioTec offers a new wireless eco-powered surveillance system which not only supplies reliable energy, but also saves the cost of money and time. Most important of all, we become one of the members of protecting our future by applying to renewable power in the field.



Renewable-powered system in Penghu



Mission

Penghu are an archipelago of 64 islands and islets in the Taiwan Strait. Down through the ages, the local residents on the islands have their own eco-friendly way of living. For instance, the traditional houses are made of coral stones from the coast. Furthermore, Penghu has been developing their renewable power supplies over the past decades.



In lack of infrastructure of electricity and communication, Penghu would need a special solution to conquer all these obstacles when deploying the surveillance devices and the network connection. Therefore, DivioTec offers a wireless solution to deal with this situation.

Solution

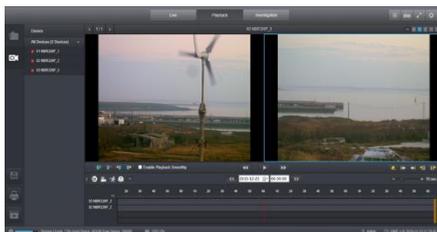
DivioTec has been cooperating with *National Penghu University of Science and Technology* in 2015 to build up an eco-friendly surveillance system with wireless hybrid wind & solar-powered application.



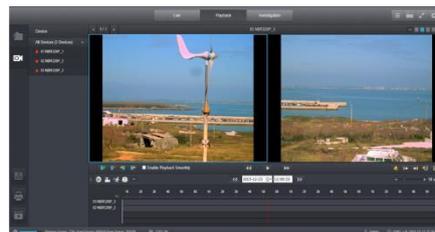
National Penghu University of Science and Technology

Tip 1: Rugged Design IP Camera

Considering the windy and capricious weather circumstances, DivioTec has selected **NBR326P** for its rugged design. Featuring in IK10, IP67, wide temperature range from -40°C to 60°C , and anti-corrosion powder coating which is especially designed to fit in the harsh environment such as coastal area to avoid the erosion from the salted air and water along the seashore.



DivioTec NBR326P_Morning (06:30)



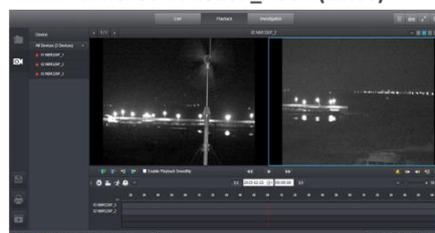
DivioTec NBR326P_Noon (12:00)



DivioTec NBR326P_Sunset (17:00)



DivioTec NBR326P_Evening (21:00)



DivioTec NBR326P_Midnight (00:00)



DivioTec NBR326P_Dawn (06:15)

Tip 2: Expert Video Management System

For Video management, DivioTec **NRV100** is capable of managing large-scale of system **up to 2,000-ch**. With **multi-layer E-maps** and **remote bandwidth control** function, clients could easily conquer the difficulties of remote and off-site management.

**Tip 3: Industrial Wi-Fi Solution**

The Wireless solution is suitable for remote locations such as separated islands and remote towns like Penghu that otherwise lack electricity and communications infrastructure. DivioTec chose **WGW100** and Industrial Wi-Fi Mesh [WAP130](#) for the Wi-Fi deployment.



Please see below for the demo video:

**Tip 4: Eco-Power System**

DivioTec also work with one of our partners for the eco-system application, the Hybrid Street Lamp includes wind turbine, solar panel, battery, and LED street lamp. The application offers reliable and consistently power supply via wind & solar system.

**Tip 5: Total Solution Save You the Time & Money**

The well-integrated package allows the clients to build up the eco-friendly surveillance system easily and efficiently.



Product-Features:



NBR325P/NBR326P: The bullet cameras, with 30/50 meters (98/164 ft) IR distance, is one of the DivioTec Extreme-weather Resistant IP cameras with the following features:

- a. Wide operating temperature (-40°C to 60°C/-40°F to 140°F)
- b. Sturdy camera body from aluminum die casting
- c. Anti-corrosion powder coating
- d. IK10 & IP67 certified
- e. Motorized lens made in Japan (3-10/9-22 mm) with P-iris
- f. Extreme WDR with multi shutters
- g. 3 MP at 30 fps
- h. Extreme WDR with multi shutters
- i. Easy-to-install bracket



NRV100

DivioTec's video management system is capable of managing large-scale of system up to 2,000-ch. With multiple-layer E-maps and remote bandwidth control function, clients could easily conquer the difficulties of remote and off-site management.



WGW100

Industrial Wi-Fi gateway based on Intel Moon Island solution with Wi-Fi and ZigBee optional embedded



WAP130M

Industrial Wi-Fi EZ Mesh with concurrent dual band capability (5GHz as mesh backbone & 2.4GHz as access

Hybrid Street Lamp



All in one solution to street lights

- Self-Sufficient Street Lamp
- Adjustable Timer System
- Auto + Mechanical Breaking System
- Auto Adjust LED Light Brightness
- Weather Resistant
- MPPT + Battery Included

