

Motion Activated
Solar Powered LED Security Light

MODEL: XP-2H38WCPure Digital Version



Please do not return this item to the store.

Introduction

Thank you for purchasing the XP-2H38WC light with the digitally controlled system. With its easy setup and lightweight design, the XP-2H38WC conforms to most of your lighting needs. It's the most cost-effective way to illuminate and protect areas around your home, business and recreational area, especially where AC is not accessible.

No matter the area, environmentally friendly solar energy is converted to electricity so that lighting is available wherever and whenever you desire. Simply install or set the solar charging panel in a suitable area facing the sky where sun exposure is prevalent. The attached 15' cable provides sufficient length for easy placement. When fully charged and switched to the ON mode, the XP-2H38WC will provide up to at least 5 hours of continuous illumination. In AUTO mode, (normal operation setting) the light illuminates when it is dark and motion is detected, then automatically resets.

Important Safety Information

- Do not expose the light to fire or intense heat.
- Do not dispose of battery in fire.
- Do not immerse in water.
- Never look directly into the light or shine in another person's eyes.
- Do not dispose the rechargeable battery in a regular waste system, waterway, stream or any other body of water.
- Preserve the environment by disposing battery in accordance with local, state and federal regulations
- Consult your local construction safety guidelines for installing the light fixture on a building.

What's Inside the Package

- LED XP-2H38WC solar light with battery
- Solar charging panel with 15' Cable
- User manual
- Installation sheet
- AV line
- Screws
- Anchors
- Receiver
- Adapter

Installation Recommendations

- The XP-2H38WC light fixture should be installed on a flat and stable surface. The higher the installation the larger the area of illumination.
- Avoid installing the light near an air conditioner, heater or high voltage system as quick changes in temperature may cause the motion detection system to produce false triggers and illuminate the light needlessly.
- Avoid positioning the motion sensor head towards street traffic or where other movements may trigger the light needlessly and therefore drain the battery prematurely.
- The solar panel should be installed in a sunny area facing the sky where direct sunlight can shine on the panel for at least 3 - 5 hours per day.
- Motion detection is most sensitive to movement moving across the device and less sensitive when motion is moving directly towards or away.
- Use a soft damp cloth to periodically clean the solar panel from accumulated dust or snow. This will preserve solar panel efficiency when charging the battery.

FCC Part 15 Class B & C

CAUTION: Modifications are not approved by the party responsible for compliance could void user's authority to operate the equipment.

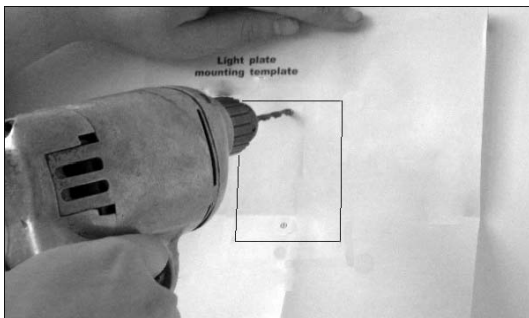
NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be

determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

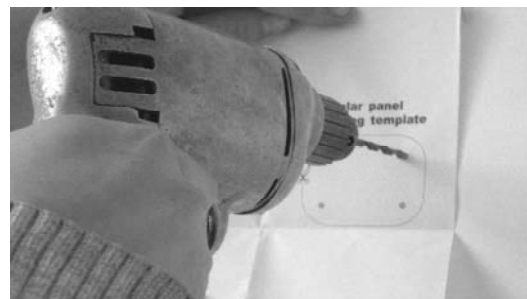
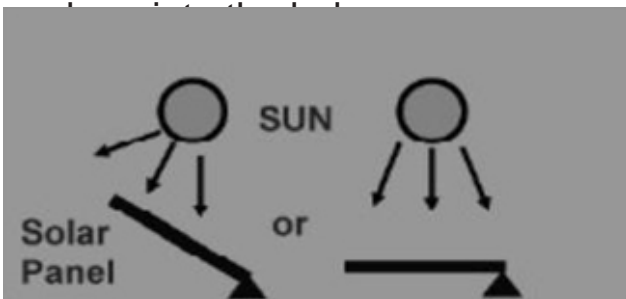
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Installation



1) Mark the holes on the wall through the Installation paper. Drill holes with an appropriate bit and insert plastic

2) Place the light on the wall and secure with screws.



3) Find a location for the solar panel that receives direct sunlight for a minimum of 3-5 hours a day and within 15' of where the solar light will be installed.

4) Mark the holes through the installation sheet of solar panel.

Installation

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5) Drill holes with an appropriate drill bit and insert plastic anchors into stucco, concrete or brick.



6) Completely insert the cable plug from the solar panel into the INPUT hole located at the bottom of the light.



7) Adjust the motion detection sensor and camera towards the desired coverage area.

Functions & Adjustments

- OFF: no illumination; no camera. Product will be completely off.
- AUTO: 5 minutes test mode before Self-Induction mode. Test mode working at nighttime and daytime, lamp and camera will working only if product receiving any infrared signal. Camera and LED lamp will turn off after a short time-lapse. Self-Induction mode only working at nighttime, lamp and camera will be working only if product receiving any infrared signal. Camera will turn off after a short time-lapse, and lamp begin to turn off decreasingly.
- ON: intellective ON mode. In this mode LED lamps will always be on. If no infrared signal detected, camera will turn off after 1 minute, and then lamp brightness will lower to the lowest brightness (20% of the highest brightness) gradually, LED lamp will be back to the highest brightness if any infrared signal detected.
- Switch ON position to AUTO position: back to self-induction mode

- When receiver receiving image, buzzer emits warning as “bing bing”, indicator light will flash at the same time. Press the button on receiver to stop buzzer, and the indicator light will continue flashing.

5mm+CAM double heads lamp technology

- High efficiency chargeable battery: charge and discharge under the control of intelligent algorithm to maximum the efficiency of chargeable battery.
- High motion distance: more than 10 meters.
- Lithium-polymer battery supply: high power consistency, small volume, high safety, zero pollution.
- High brightness illumination: special optics technology, super high brightness
- Wireless transfer: image transfer to the receiver by wireless technology, and display on screen at the same time.
- Buzzer: When receiver receiving image, alarm and flash light will working at the same time to remind user to check.

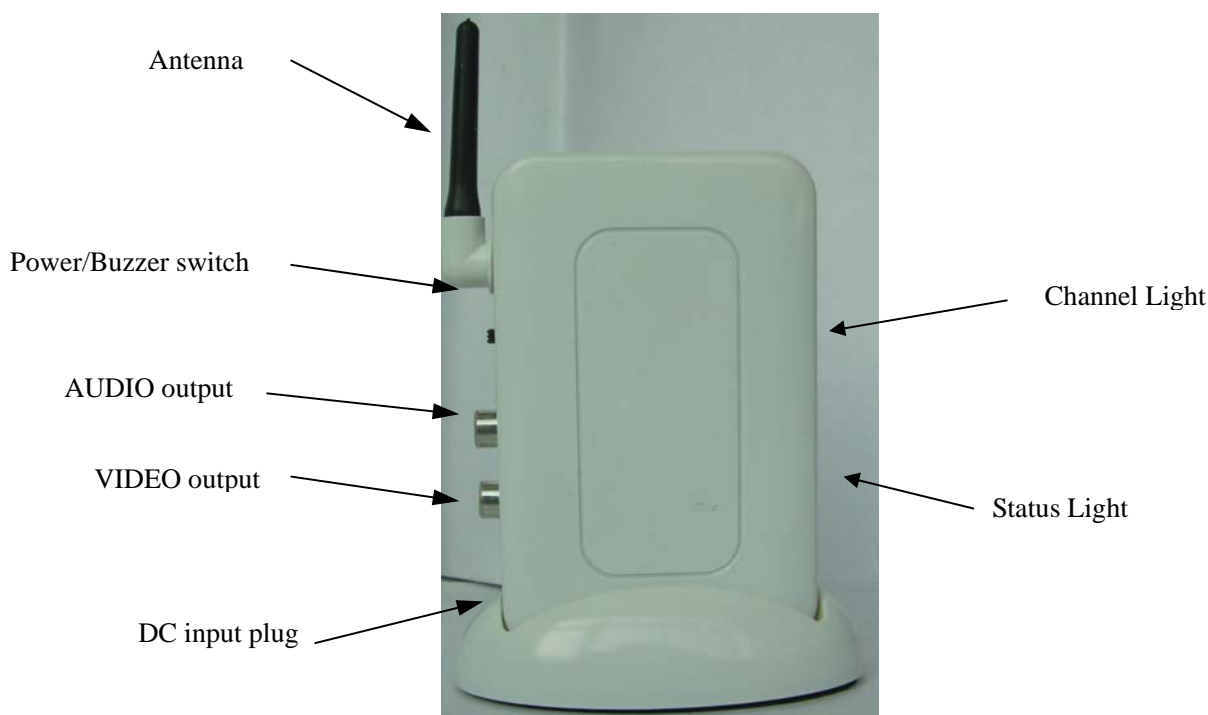
Recharge

- Plug in solar panel charger, battery will charge when switch is set to the OFF, ON or AUTO positions.
- Selectively: charge the light with power adapter (9V, 1A).

Warning: Only rechargeable battery should be used!

Wireless Receiver Use

Diagrams



Receiver operation instruction

- Use AV cable connect to TV/Monitor
- Insert the 12V power adaptor into the power jack of the receiver, power on it.
- Antenna: Adjust receiving image effects (turn left/right)
- Buzzer Switch:
 - a. Under video buzz reminder condition: Press this key to shutdown buzz warn, buzzing reminder again once receive video signal.
 - b. Under Buzzer reminder is opened condition: Press this key for one second to shutdown, reminder function closed after a long sounded
 - c. Under Buzzer reminder closed condition: Press this key for one second to start, reminder function is open after a long sounded
- Channel indicator light: indicator light will bright when you open the receiver. Prompt you channels 2
- Status indicator lamp: Flicker when receiver receive effective video signal, there is no flicker if you open without video signal, status indicator lamp is bright when you close the receiver.

Function operation

- Receiver connect to power adaptor, Status indicator lamp will open, channel indicator light bright, buzzer start to ring when receive video signal, status indicator lamp start to flashing when receive video signal, Through TV/Monitor can view images and hear the sound, changed position of the transmitter and put it at anywhere you want, monitoring is done.
- Press the buzzer switch if you want to stop video reminder.
- Press buzzer switch for one second until you hear buzzer sounds the alarm if you want to stop buzzer reminder. Press this switch for one second and the buzzer start to ring for a while. Restart buzzer reminder is done.(another way: unplug of the power adapter and wait for 30 seconds, connect the power adapter then turn on the receiver)

NOTES: This item is wireless products, sometimes will be affected by radio interference and wrong trigger, buzzer rang error, this belongs to the normal situation, please try to far from the interference, transmitter and receiver distance as far as possible in the image clear stable effective range, reduce mistakenly trigger, buzzer rang error

Troubleshooting Tips

Symptom	Possible Solution
The light will not illuminate	<ul style="list-style-type: none"> • In AUTO mode, light illuminates only when motion is detected when dark. • Make sure solar panel plug is fully inserted. • In ON mode, light illuminates until battery is drained. • Make certain the battery plug is connected inside the battery compartment. • Battery energy is low; set switch to OFF or AUTO mode and allow solar panel to absorb direct sunlight for 2+ days in order to recharge battery fully. • Make sure there is no other bright light source near the unit.
The light provides less than 5 hours of continuous illumination in AUTO mode	<ul style="list-style-type: none"> • Battery is at less than 100% full charge; switch to OFF mode and allow solar panel to absorb direct sunlight for two days in order to recharge.
Motion is not detected within the coverage area	<ul style="list-style-type: none"> • Avoid installing the light near air conditioner, central heater, or hot air flow. • Check the motion sensor lens for dust or damage.
The battery does not fully charge	<ul style="list-style-type: none"> • While in AUTO mode, if there is frequent activity from dusk to dawn or continuous overcast days, the solar panel may not convert sufficient ambient daylight to recharge the battery sufficiently. • Reposition solar panel to receive more sunlight. • Clean dust and debris from solar panel. • Make sure the solar panel cable is not damaged.
The light stays on continuously while in AUTO mode	<ul style="list-style-type: none"> • Check the motion detector sensor head to ensure that it is not directed towards street traffic or where other movements may trigger the light needlessly.
The lights on the receiver do not work	<ul style="list-style-type: none"> • Check the motion detector sensor head to ensure that it is not directed towards street traffic or where other movements may trigger the light needlessly.
There is not a picture on the monitor or the picture is not clear and have a lot of noise	<ul style="list-style-type: none"> • Please check if the transmitter is working with the power supply or not ; the distance between the receiver and transmitter can not be beyond the limited distance (open area 50-100m) , there are not an obstacle between the receiver and transmitter (For example :the steel-building); the frequency of the receiver must be the same as the frequency of the transmitter, (It can not have two transmitters with the same frequency work at the same time); the antenna of the receiver must be inserted in the receiver well. The antenna of the receiver must be far from the copper, iron and the walk-talker , radio station and so on .

Specifications

Rechargeable Battery: 7.4V/2200mah lithium-polymer battery

Solar Charging Panel: 10V/2.5W Monocrystalline

Continuous Illumination Time: >5 hours

Complies with FCC Part 15 Class B & C and ICES-003:2004

Emission frequency: 906MHz

Luminous flux: >130lm

Color temperature: 6000K~7000K

Motion distance: >10m

Motion range: 160°

Resolution: 320Line

Switch mode: OFF-AUTO-ON

Receiver power supply: DC12V

Receiver sensitivity: ≤-85dBm

Mode: NTSC

LED: 38pcs of super brightness LED

Product size: Lamp: 230mm X125 mm X195mm

Solar panel: 180 mm X150 mmX15mm

Receiver: 91 mmX45 mmX120mm