skyVac® Real-time Inspection System

Gutter Inspection Camera

REAL-TIME INSPECTION CAMERA

![skyVac®]

CONGRATULATIONS ON YOUR PURCHASE

Ideal for pre-site surveys, along with monitoring progress during gutter clearance for fast and thorough results. With a large colour monitor for clear visibility, instant and long-range connection, the camera, and monitor are quick and easy to use.

NO wires, NO Apps and NO Wi-Fi required.

System Overview:

SkyVac® Real time Camera System Components:

Monitor / Camera / In car Adaptor / Plug Adaptor / USB charging cables x 2 / 1 x wide base bracket (Black—monitor) / 1 x Horse shoe clip (Grey—Camera) / Padded camera Case.

Non-recordable
4.3 Inch Monitor & antenna

Camera

Protective Camera Case

Plug adaptor

In car adaptor

1 x Wide base bracket

1 x Monitor Spring Clip

2 x USB charging cables

Contents may vary slightly from those shown

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System Overview:

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CHARGING BATTERIES

The integrated battery on both the Camera and Monitor, will come partially charged. We recommend fully charging both items before first use using the USB cable provided. No harm will come to the lithium-ion battery if used prior to a full charge.

Use the charging cables, with the wall / in-Car charger supplied

Camera Charging Port: is concealed under the protective rubber boot on the base of the camera.

Monitor Charging Port: is concealed under the protective rubber boot on the side of the monitor.

- Insert the cable into the charging port.

- The light will remain on during charging

- Once fully charged, the light will go out.

NB: Batteries are integrated within each system. To update your battery, please contact your SkyVac® provider.

Ensure both camera and monitor are switched off prior to charging for the fastest results.

WEATHER PROTECTION:

The system is IP64 weather rated, capable of with standing light showers. Please ensure that the camera's protective rubber boot, and the monitor's protective flap are securely fixed in place.

> **WARNING:** Using a charger other than those supplied could potentially damage the battery and could result in fire or leakage. Only use chargers marked: output 5V 1A. If you do not know the voltage and current of your charger, use the included USB cable to charge the camera from your computer .

> **WARNING:** Use caution when using your skyVac® Real Time Camera system, please take note of your surroundings to avoid injury to yourself and others. Abide by all local laws including all privacy laws, which may restrict use in certain areas.

Getting started:

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ATTACHING THE ANTENNA:

Insert the Antenna into the hole on the top of the monitor. Screw clockwise to tighten, and anticlockwise to remove.

POWERING ON & OFF

The monitor and camera system come already paired. Once both systems are turned on, the monitor will automatically display the picture transmitted by the camera.

CAMERA: Power On

Remove the protective rubber boot.

Press and hold the POWER ON button at the back of the camera.

Power indicator light will flash green to indicate "Power On" and continue to flash intermittently whilst in use.

Replace the protective rubber boot.

CAMERA: Power Off

Remove the protective rubber boot.

Press and hold the POWER ON button at the back of the camera.

Power indicator light will go out.

MONITOR: Power On

Press and hold the POWER / LIGHTS button on the monitor.

The power indicator light will display a red light.

The Monitor will display:

1.   NO SIGNAL icon if camera is switched off.

2.   View from camera, if camera is switched on.

MONITOR: Power Off

Press and hold the Power button on the bottom corner of the monitor.

Both power indicator light and monitor will switch off.

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CAMERA MOUNTED LED LIGHTS:

To help you see in dark places, the camera features four LED lights around the lens with a range of 2 Metres which can be activated from both the camera and the monitor.

CAMERA:

Camera LEDs: Power On/ Off

Remove the protective rubber boot.

Short Press on the power button at the back of the camera.

LED Lights will come on.

To turn off, short press of the power button, and the lights will go out.

MONITOR:

Camera LEDs: Power On / Off

Short Press to the POWER / LIGHTS button.

Camera LED Lights will come on.

To turn off, short press of the power button, and the lights will go out.

BRIGHTNESS :

Press the brightness button to scroll from dark to bright and choose your desired screen brightness.

ROTATE PICTURE FUNCTION :

Rotate images displayed on the monitor by 180 degrees for easy viewing in difficult locations.

ADJUSTIBLE CAMERA FOCUS:

The camera features a manually adjustable lens so you can adjust the focus to suit your working distance.

To alter, twist the lens clockwise / anti clock wise to match the field of focus required.

TOP TIP: To achieve the perfect view for in gutter clearance. Attach the camera to the neck of your tool holder (with end tool in place), place the tip of your end tool on the ground. Ensure the camera monitor is on, and focusing on an area on the ground, adjust the lens until the correct focus is achieved.

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CAMERA & MONITOR ATTACHMENTS:

The system is supplied with TWO brackets 1) To attach the camera to pole neck 2) To attach monitor to suction pole base

CAMERA: Grey Bracket

Suction Poles.

Slot the base of the camera bracket over the stud on top of the horse shoe clamp. Tighten the lever to secure in place.

Slide the horse shoe camera bracket around the neck of the tool holder (as shown).

Adjust the camera angle as required using the screw adjuster.

Inspection Poles.

Slot the base of the camera bracket over the stud on top of the camera mount. Tighten the lever to secure in place.

(Camera Mount stud—not included)

MONITOR: Black Bracket

Suction / Inspection Pole

Screw the wide base bracket into the top hole on the back of the monitor.

Slide the bracket around the neck of the suction pole / inspection pole at eye level.

FOR WIDE BASE BRACKET TO ATTACH TO SUCTION/ INPECTION POLE

FOR TELESCOPIC GRIP (SOLD SEPARATELY)

System Specification:

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Camera VET001	
Item	**Specifications**
Image Sensor	1/4" (Inch) CMOS—
Focus	Manually Adjustable
Effective Pixels	640 x 480 Pixels
View Angle	45 Degree (°)
Transmission Frequency	2400~2483 MHz
Modulation Mode	GFSK
Unobstructed Effective Range	50 Metres
White LED light range	2 Metres
Power Supply	5V VDC
Charge Time	2.5 Hours
Working Time (full charge)	3(LED OFF）/ 2.5(ON) Hours
Operation Temperature	-10~+50/+14~+122 ℃/°F
Dimensions	130 x 30 x 58
Weight	100 Grammes

Monitor VER002	
Item	**Specification**
Screen Size	4.3" (Inch) TFT LCD
Display Resolution	480 x 272 Pixels
Unobstructed Receive Range	50 Metres
Modulation Mode	GFSK
Power Supply	5V VDC
Charge Time	3 Hours
Working Time (full charge)	3 Hours
Operation Temperature	-10~+50/+14~+122 ℃/°F
Dimensions	115 X 30 X 135
Weight	165 Grammes

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