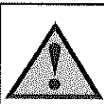


Sewer Camera

Gen-Eye POD™, Gen-Eye MINI-POD™, Gen-Eye X-POD™

SPECIFIC SAFETY RULES



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



Electric shock resulting in death can occur if you plug this machine into an improperly wired outlet. If the ground wire is electrified, you can be electrocuted by just touching the machine, even when the power switch is off. A ground fault circuit interrupter will not protect you in this situation. Use a UL approved tester to determine if the outlet is safe.



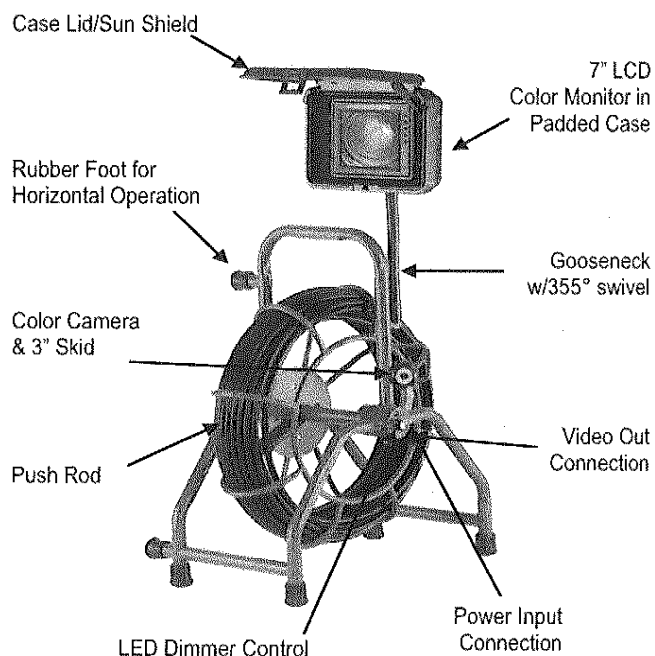
Always wear safety glasses and rubber soled, non-slip shoes. Use of this safety equipment may prevent serious injury.

1. **Wear rubber gloves.** Sewer lines are unsanitary and may contain harmful bacteria.
2. **Be sure that the unit is plugged into a properly grounded receptacle.** If in doubt, check receptacle before plugging in machine. Check the power cord to see that there are no cuts or frays, and that the grounding prong on the plug is still in place.
3. **If the power cord supplied with the machine is not long enough, be sure to use a 16 gauge heavy duty extension cord no more than 50 feet long and in good condition.** Using lighter cords can result in severe power loss and motor overheating.
4. **Be careful when inspecting drains where cleaning chemicals have been used.** Avoid direct contact with corrosive drain cleaners. Drain cleaning chemicals can cause serious burns, as well as damage the cable and camera.
5. **Do not operate machine if operator or machine is standing in water.** Will increase risk of electrical shock.
6. **Wear safety glasses and rubber soled, non-slip shoes.** Use of this safety equipment may prevent serious injury.
7. **Only use this tool in the application for which it was designed.** Follow the instructions on the proper use of the machine. Other uses or modifying the machine for other applications may increase risk of injury.
8. **The Gen-Eye POD should not be used in wet locations or in the rain.** Moisture may cause damage to the unit.
9. **The POD will operate on 120vAC and 12vDC Line Voltage.** When using 120 volts AC, care should be taken to ensure that it is plugged into a properly grounded receptacle to prevent damage to the unit. If the intended receptacle is not properly grounded, do not use it and look for another one.
10. **If the POD does not seem to be operating properly, or if you suspect a problem with the electronics, do not operate it and call the factory for a service center near you.**

ABOUT THE INSPECTION CAMERA

- Although manufactured for the harsh environments in which it will be used, the camera should be treated carefully as damage may occur if dropped or "buted" severely against the pipe or any other hard surface. The stainless steel camera housing is made to protect the camera and electronics to a large extent; however, it can be damaged by denting which may cause possible failure of the protective and watertight O-ring seals that may cause the camera to fail. The camera, housing, and front viewing lens should be checked thoroughly after each use for signs of damage and if required should be corrected prior to further use.
- The camera should always be cleaned and inspected after every use as dirt, grime and grease can cause unnecessary problems such as failure of the camera seals.
- The camera lens, front nose piece and lights should be cleaned and checked after every use for possible damage to the lens or light covers and to prevent a build up of dirt and grime which may cause a degradation of the video picture.

FEATURES



Gen-Eye POD™, Gen-Eye MINI-POD™, Gen-Eye X-POD™

4. Lighting may be adjusted to highlight various pipe conditions and objects as desired. In some cases, white or lighter-colored object may cause the picture to “flare” or “wash out”. If this happens, simply turn the light control down until a good picture is achieved.
5. Push the camera slowly and carefully during the inspection - taking note of the pipe condition for possible hazards that may entangle or damage the camera on entry or retrieval.
6. When negotiating a corner, care should be taken not to butt the nose of the camera against the sidewall with any force. It would be better to let the camera “work” its way around the corner. If resistance is encountered when turning the corner and there is no visible signs of blockage, turning the push rod or pulling the camera back and forth slowly sometimes helps.
7. Should resistance become extreme, or the camera gets entangled or stuck, slowly push back and forth to free it. Sometimes turning the push rod may also help. If the camera is visible you may be able to free it with your hand or some other means.
8. When storing the Gen-Eye POD between uses, the gooseneck/monitor assembly can be folded down for more compact storage.



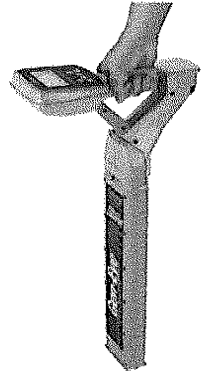
RECORDING THE INSPECTION

If you wish to record your inspection, you can plug an external recording device into the VIDEO OUT connection in the hub of the reel.

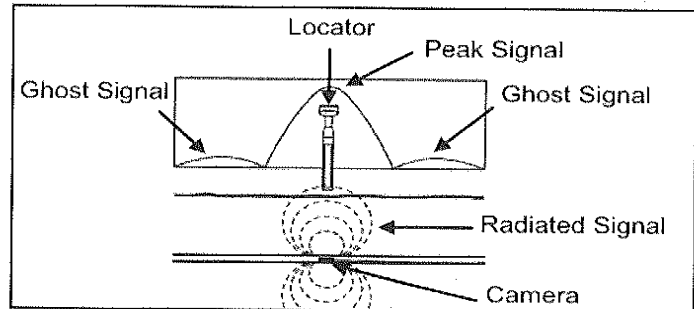
CAMERA LOCATION— OPTIONAL TRANSMITTER

1. Turn the POD on. (The transmitter is already activated.)
2. Switch the Locator ON and check that the battery indicator shows at least one bar. Replace batteries as needed.
3. Make sure the Locator is set for the same frequency as the transmitter by pressing the Frequency button (FREQ) until the desired frequency appears on the display.
4. Press Antenna Select (ANT SEL) so that the indicator arrow points to TWIN PEAK.
5. Press the UP arrow so that the gain bar is at the maximum setting.

6. Hold the Locator blade vertical and in line with the camera head (handle of the Locator at 90 degrees to the camera head). If you are not sure of the direction of the pipe, hold the locator above the drain opening and rotate it until you obtain the maximum signal. **Note:** The camera must be stationary to be precisely pinpointed.
7. Move the Locator forward and backward, and side to side along the camera path until you obtain a peak response on the display.
8. If the display indicates a maximum signal of 100, reduce the gain by pressing the DOWN arrow to keep the display at approximately 50% – 70%.
9. Repeat step 7 and 8 as you narrow your search area.
10. A small ghost signal may appear in front and behind the peak reading. Lower the gain button until you receive only one signal.
11. When you can only receive the signal in a small, one-foot square area, you've located the camera. Mark the spot.



Tip: It's much easier to locate the camera when it's closer to the drain opening than when it's 100 feet away. Push the camera five or ten feet into the line, then do your first location. Mark the spot and push the camera ahead another five or ten feet, then repeat. When you're done, you'll have the whole line traced and marked.



DEPTH MEASUREMENT

1. Recheck the camera location using the steps outlined above.
2. Rest the tip of Locator on the ground, holding it vertically above the pinpointed position of the camera head.
3. Press the DEPTH button. The LCD screen will indicate the depth of the camera.
4. You can select the unit of measurement (feet, inches, meters, centimeters) by pressing the DEPTH button and the DOWN arrow at the same time.

Note: An indication of four dashes on the display can be caused by too much or too little signal strength. Adjust the gain and recheck the depth measurement.

See complete Locator instruction manual at www.drainbrain.com for more information.