

## WARNING SEWER CAMERA SAFETY

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. **IF** any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

**⚠ WARNING:** This product can expose you to chemicals including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

This Camera is for Inspection Only! Forcing it through any type of clog or obstruction will cause severe damage to the camera and cable. The Equipment Protection Plan is not offered or honored on this unit. The customer is responsible for all damage and repair costs also retrieval costs should the camera become stuck in the pipe.

**This Camera must be returned to the same store it was picked up from.**

**Electrical Safety:** Never remove the grounding prong or modify the plug in any way. Do not use any adapter plugs. Check with UL approved tester or a qualified electrician if you are in doubt as to whether the outlet is properly grounded. Grounded tools must be plugged into an outlet, properly installed & grounded in accordance with all codes & ordinances. If the tool should electrically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user.

**DO NOT WORK IN STANDING WATER.**

**CAMERA IS FOR 3" SEWER LINES OR LARGER.**

**Never use a hose or pressure washer to clean the reel or monitor they are not water proof!**

### **IMPORTANT SAFETY RULES TO FOLLOW**

The camera, although manufactured for the harsh environments in which it will be used, should be treated carefully as damage may occur if dropped "buted" severely against the pipe or other hard surface. The stainless-steel camera housing is made to protect the camera and electronics to a large extent. The camera, housing and front viewing lens should be checked completely after each use for signs of damage, and if required, should be corrected prior to further use.

**Sonde Transmitter (512Hz):** This system includes a Sonde Transmitter located in the cameras gooseneck. When the power supply is connected, the Sonde Transmitter will automatically activate and send a signal that can be picked up by a locator to help pinpoint the cameras location underground if digging is required.

**Video Output Jack:** A video output jack is located on the lower lip of the LCD monitor. This may be used to supply video to an external monitor or recording device.

**Setting Up the Camera:** 1. Connect the DC power plug to the jack in the reel hub, then plug the AC power plug into a 120-volt grounded outlet. (For safety and to prevent damage to the unit always use a properly grounded outlet.)

2. Press the power button on the monitor. At this point you should have lights on the camera & a picture on the monitor. You are now ready to perform the inspection procedure.

**Inspection Procedure:** 1. Slowly push the camera into the pipe and negotiate the camera into position to feed down the pipe making sure the flex neck does not kink or double back on itself

2. Push the camera slowly and carefully during inspection taking note of the pipe condition for possible hazards that may entangle or damage the camera on entry or retrieval.

3. 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 & there is no visible signs of blockage, turning the push rod (cable) or pulling the camera back & forth slowly sometimes helps.

Should resistance become extreme, or the camera gets entangled or stuck, slowly push it back & forth to free it. Sometimes turning the push rod may also help. If the camera is visible, you may be able to free with your hand.

**Always wipe the push rod (cable) off with a towel as you push it back into the reel!**

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. **IF** there is any doubt as to the operation or safety of the equipment,

**DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!!**

**FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH**



Contract number \_\_\_\_\_

Equipment number \_\_\_\_\_

**CAMERA CHECK OUT SHEET**

1. Connect the DC power plug to the jack in the real hub, then plug the AC power plug into a 120-volt grounded outlet. (For safety and to prevent damage to the unit always use a properly grounded outlet.)
2. Press the power button on the monitor.

	<b>PASS</b>	<b>FAILED</b>
Inspect Camera for Damage and Function	_____	_____
Inspect Lights for Damage and Function	_____	_____
Inspect LCD monitor for Damage and Function	_____	_____
Inspect Push Rod (cable) and make sure it is not kinked or damaged	_____	_____

Date: \_\_\_\_\_

ATS Employee Signature: \_\_\_\_\_

Customer Signature \_\_\_\_\_

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<i>Inspect Push Rod (cable) and make sure it is not kinked or damaged</i>	_____	_____

Date: \_\_\_\_\_

ATS Employee Signature: \_\_\_\_\_

Customer Signature \_\_\_\_\_