

SeeSnake® nanoReel™



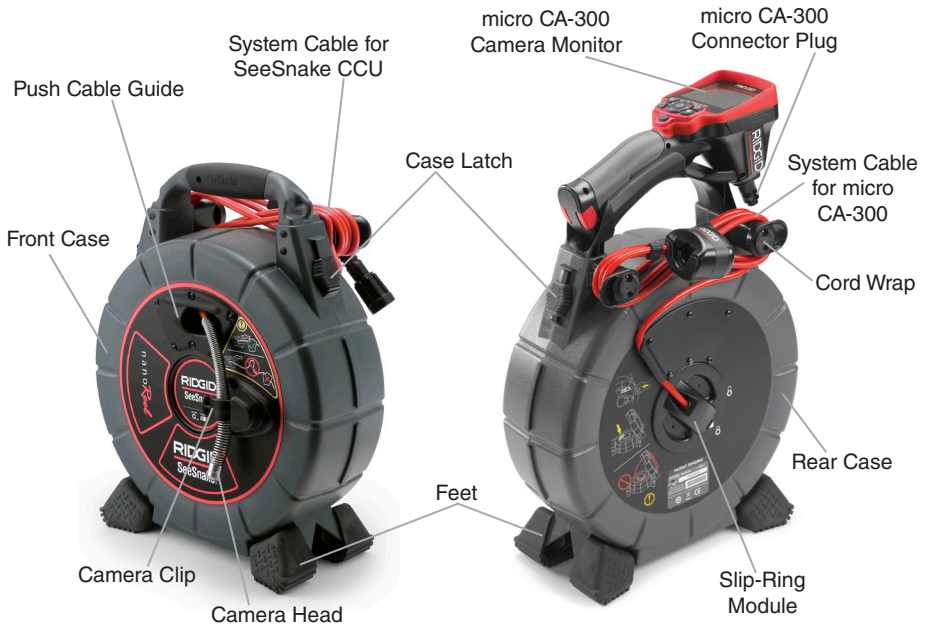
Quick Start Guide

WARNING!

Read the safety information in the beginning of the nanoReel Operator's Manual carefully before using the nanoReel. Failure to understand and follow the contents of the safety sections may result in electrical shock, fire, property damage, and/or serious personal injury.

This nanoReel Quick Start Guide provides an overview of function and operation. For more details, see the Operator's Manual that accompanies the nanoReel.

nanoReel Components



Camera Head Routing

1. Set the unit on a level surface and lay it on its back.
2. Unfasten the case latches on either side of the nanoReel.
3. Open the front case and route the camera head out through the push cable guide in the front of the case.
4. Secure the camera head in the provided clip.
5. Close and relatch the case.

Setting Up the nanoReel

Unwrap the SeeSnake System Cable from its holder, pull back the locking sleeve, and match the System Cable plug to the matching SeeSnake System Connector on the CCU. To join the connectors, align the guide pin to the guide socket, push the connector straight in. Tighten the outer locking sleeve.

Operating Instructions

1. Pull several feet of push cable from the nanoReel. Place the camera unit into the line to be inspected.
2. Turn the SeeSnake CCU ON. Adjust the camera head LED lighting brightness and the display image as specified by the SeeSnake CCU operator's manual. Use the least amount of lighting to maximize picture quality and reduce heat buildup.
3. Record the inspection as specified by the SeeSnake CCU operator's manual.
4. If possible, run water through the system during the inspection to help keep the system clean, to make pushing the push cable easier, and to help orient the image at the bottom of the pipe. Shut off water flow as needed for viewing.
5. Grip the push cable and carefully feed it into the drain to be inspected.
6. To avoid damage, pay attention to the force required to feed in and withdraw the push cable. Keep clear of sharp edges, and do not pull at sharp angles to the inlet.

Locating the Sonde

The nanoReel is equipped with a Sonde built into the camera head which transmits a locatable 512 Hz signal and allows the detection of the camera's location underground.

Control the Sonde from a SeeSnake CCU as described in the operator's manual for the SeeSnake CCU. If using the nanoReel with the micro CA-300, activate the Sonde by turning the LED brightness control down to zero. Once the Sonde has been located, the LEDs can be returned to normal brightness to continue the inspection.

For detailed instructions on Sonde locating, consult the operator's manual for the locator model in use.

Retrieving the Camera

1. After completing the inspection, pull the push cable back with slow, steady force.
2. If possible, continue running water down the line to help clean the push cable.
3. Use a towel to wipe off the push cable as it is withdrawn.
4. To avoid damage, pay attention to the force required to withdraw the push cable, keep clear of any sharp edges, and do not pull at sharp angles to the inlet.

Troubleshooting

Problem	Probable Fault Location	Solution
Camera image not seen	No power to SeeSnake CCU or micro CA-300 camera monitor connector	Check power cord is correctly plugged in.
		Check the switch on monitor/display unit.
	Connections faulty	Check alignment and pins of connection to nanoReel system unit from CCU or display unit.
		Check orientation, seating, and pin condition in the SeeSnake connection.
	Monitor set to wrong source	Set video source as described in display unit operator's manual.
	Batteries low	Recharge or replace batteries.
"SOS" code blinking on LCD*	No video signal	Check source setting of monitor and reseal cable connection.
* The light on the LCD will only blink the "SOS" code on some SeeSnake CCUs.		



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