

Drain Cleaners

SeeSnake® Pipe Inspection Equipment

Video Inspection and Recording of 1¼" to 12" drain, conduit, and utility lines.

Your only choice for Lateral line inspection...

Designed and constructed for the most rugged environments, these high performance, durable camera/transmitter systems are the best video inspection systems on the market. For exact diagnosis of line problems in all types of industries – the SeeSnake is your answer.

**Now UL / CSA
Approved**

Whether it's root-impacted, collapsed, or "bellied" drain line, a jammed conduit line, or a damaged chimney, the SeeSnake identifies problems and allows the operator to quickly determine the correct solution. Built with the highest quality materials and components, these systems provide the best picture quality in the most durable and maneuverable camera system available today.

Durability – Most reliable camera inspection equipment available made from quality components

- Hardened Stainless Steel Camera Heads and Spring Assembly
- Scratch-resistant sapphire lens
- Stainless steel on all wear points
- Patented Push cables with Kevlar Wrapping
- Mercury-free slip rings
- Guaranteed waterproof cameras to 330 feet
- Production pressure-tested cameras for reliable performance
- Sturdy 3-Pin waterproof universal connectors
- Industrial grade monitors and VCRs
- Proven components tested to over 1,000,000 cycles to ensure long service

Picture Quality

- Exclusive Pipe View Technology designed to focus inside the pipe
- Fully adjustable LED lighting system
- Surveillance grade, high resolution monitors provide the sharpest detail to diagnose the problems

Performance

- Best Maneuverability to go where other cameras can't
- Most durable, smallest camera heads available
- Certified by UL and CSA for safe operation
- Standard SeeSnakes negotiate multiple 90° bends in 2" to 12" lines and 3" P-Traps
- Mini-SeeSnakes negotiate multiple 90° bends in 1¼" to 6" lines and 2" P-Traps

Ease of Use – SeeSnakes are the fastest and easiest to operate

- Quick disconnect 3-Pin connectors
- Camera size provides excellent maneuverability and line access
- One button power on
- One touch recording
- "Hands-free" audio recording with built-in microphones

The Most Product Choices to Fit the Job

Whether you need to access large or smaller lines, we have products to meet your needs.

We offer the broadest choices in camera control units from the VSM for rugged industrial applications to the Tool Box Monitor for easy portability.

Whether you require inspections in Black & White or Color, our systems provide the crisp, clean viewing of pipe interior. With our exclusive "Pipe-View" Technology, SeeSnakes focus down the line to see trouble before you're in it. The video is so crisp even the smallest of cracks can be seen.



SeeSnake picture of line with no defects.



SeeSnake picture of semi collapsed pipe.

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SeeSnake® Pipe Inspection Equipment

SeeSnake and Mini-SeeSnake Reels

The SeeSnake and Mini-SeeSnake both utilize the exclusive "Pipe-View" technology and share the same high quality materials and components such as hardened stainless steel, scratch proof sapphire lenses, Kevlar wrapped fiberglass push cables, and mercury-free slip rings.

Standard Equipment includes:

- SeeSnake Cable CountIR for accurate distance measurements
 - Distance, date, and time display
 - Titling Capability
 - Quick page of 9 lines and 28 characters
 - 32 page slide show capability
- SeeSnake Systems Cable with titling capability
- Drum Brake
- Guide Hoops, Star & Ball Pipe Guides



CountIR mounted on rear of drum



SeeSnake High Resolution Camera Control Units

All SeeSnake camera control units include power supply with integrated light intensity control and video/audio jacks. All systems utilize high-resolution surveillance grade monitors for the finest detail and picture quality.

Video System Manager (VSM-A):

All the features of the Monitor+VCR and:

- Water Proof Keyed Microphone
- Rugged Protective Case with Deep Adjustable Sunshade, Wheels, and Retractable Handle.

Monitor+VCR in Black & White or Color:

- High Resolution Monitor
- Commercial Grade VCR
- "Hands-Free" Audio Recording
- Volume and Audio OFF Control

Monitor:

- High Resolution Monitor
- RCA to RCA Video Cable

VSM-A



Monitor+VCR



Monitor

Toolbox Monitor:

- High resolution 5.5" multi-positioning monitor (>700 lines of resolution)
- Video in/out jack
- Operated by 14.4V rechargeable battery or plug for use with 115V/230V AC outlet
- Wrap around sunshade and detachable viewing hood
- Automatic shut-off to conserve battery life
- Skid resistant bottom for maximum stability on angled surfaces



Toolbox Monitor

Power Pack (Does not include monitor):

- Power Supply to connect to any Non-SeeSnake video monitor
- Dual AC receptacles to power additional components



Power Pack

Color Video Toolcase

Portability – Now in Color

- Compact, Easy to Carry: Transports like a briefcase
- Powered by Sealed Rechargeable Battery
- Heavy Duty, water-resistant carrying case for durability

Standard Equipment includes:

- High Resolution Color 5" LCD Monitor with Sunshade
- Commercial grade VHS VCR with Wireless Remote Control
- 100 – 240V Auto-Switching AC Power Supply
- DC Car-Type Adapter
- Internal Rechargeable Battery
- Neoprene Sun Boot

Color Video Toolcase



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SeeSnake® Pipe Inspection Equipment

Specifications

General	SeeSnake	Mini SeeSnake	Color SeeSnake	Mini Color SeeSnake
Line Capacity	2 to 12 in/5 to 30cm	1 1/4 to 6 in/3.2 to 15.2 cm	2 to 12 in./5 to 30 cm	1 1/2 to 6 in/3.8 to 15.2 cm
Maximum Run	325 ft/99 m	200 ft/61 m	325 ft/99 m	200 ft/61 m
Line Location Transmitter	512 Hz	512 Hz	512 Hz	512 Hz
Distance Measurement/Tilting	Cable Count/R	Cable Count/R	Cable Count/R	Cable Count/R
Mechanical				
Weight (Excl. Monitor)/200' (61m)	43 lbs/19.5 kg	24.5 lbs/11.1 kg	43 lbs/19.5 kg	24.5 lbs/11.1 kg
Reel & Frame Diameter L x W x H	32 x 14 x 30 in 81 x 36 x 76 cm	20 x 11 x 23 in 51 x 28 x 58 cm	32 x 14 x 30 in 81 x 36 x 76 cm	20 x 11 x 23 in 51 x 28 x 58 cm
Environmental				
Operating Temperature	14°F to 122°F/-10°C to 50°C	14°F to 122°F/-10°C to 50°C	14°F to 122°F/-10°C to 50°C	14°F to 122°F/-10°C to 50°C
Waterproof Depth	330 ft/100 m	330 ft/100 m	330 ft/100 m	330 ft/100 m
Video				
Number Of Pixels	512(H) x 492(V)	512(H) x 492(V)	512 (H) x 492 (V)	512 (H) x 492 (V)
Resolution (TV Lines)	400(H) x 350(V)	400(H) x 350(V)	330 (H) x 350 (V)	330 (H) x 350 (V)
Lighting	35 red LEDs with variable intensity control	15 red LEDs with variable intensity control	45 White LEDs with variable intensity control	30 White LEDs with variable intensity control

Ordering Information for 230 Volt SeeSnakes and Mini-SeeSnakes

Systems (230V-50Hz)		Black & White – CCIR Monitor and Control Systems					Color – PAL		
		VSM	Monitor+VCR	Monitor	Toolbox Monitor	Power Pack	Color Video Tool Case	Color Monitor+VCR	Power Pack
SeeSnake Reels	KD-200	68602	69727	64562	74682	64572	90787	73192	70637
	KD-325	68612	69737	64577	74687	64587	90792	73197	70642
Mini-SeeSnake Reels	KD-100-Mini	68867	69747	67267	74702	67272	90797	83637	83267
	KD-200-Mini	68647	69757	67277	74707	67282	90802	83657	83647

230V Components

	SeeSnake Cat. No.	Description	Mini-SeeSnake Cat. No.
Reels	64567	KD-200' B&W Reel (230V)	–
	64582	KD-325' B&W Reel (230V)	–
	–	KD-100' Mini B&W Reel (230V)	67287
	–	KD-200' Mini B&W Reel (230V)	67292
	70592	KD-200' Color Reel (230V)	–
	70597	KD-325' Color Reel (230V)	–
	–	KD-100' Mini Color Reel (230V)	83607
	–	KD-200' Mini Color Reel (230V)	83617
Camera Control Units	68417	Video Systems Manager (230V)	68417
	69702	Monitor+VCR (230V)	69702
	64267	Monitor (230V)	64267
	74652	Tool Box Monitor (230V)	74652
	64557	Power Pack (230V)	64557
	90722	Color Video Tool Case (230V)	90722
	73177	Color Monitor+VCR (230V)	73177
	64597	B&W Camera Head – CCIR	67302
	90887	Color Camera Head – PAL	83597

230V Compact & Color Compact

Catalog No.	Description
93567	B&W Compact w/(2) Batteries and (1) Charger
93927	B&W Compact System
93252	B&W Compact Reel Only
93257	B&W Monitor Pack Only
95562	Color Compact System w/(2) Batteries and (1) Charger
95557	Color Compact System
95547	Color Compact Reel Only
95552	Color Monitor Pack Only



Drain Cleaners

SeeSnake® Pipe Inspection Equipment

Ordering Information

Here's how to determine which SeeSnake to use

Step 1 – Specify Reel

Pipe Size	Reel	Length available	
1 1/4" to 6"	Mini-SeeSnake	100' or 200'	Black & White
2" to 12"	Standard SeeSnake	200' or 325'	OR
1 1/2" to 4"	SeeSnake Compact	100'	Color



Step 2 – Specify Camera Control Unit

Camera Control Unit	B&W	Color	On-board VCR	Battery Power	Screen Size
Power Pack	Used to Power a SeeSnake Reel – An external monitor is required for video				
Toolbox Monitor	✓			✓	5"
B&W Monitor	✓				9"
B&W Monitor+VCR	✓		✓		9"
Video Systems Manager	✓		✓		9"
Color Monitor+VCR		✓	✓		10"
Color Video Toolcase		✓	✓	✓	5" LCD

Note: The Compact System includes a monitor pack in either black and white or color.

Step 3 – Specify Locating requirements (optional on all SeeSnakes and standard on Compact)

A transmitter can be put into the camera head assembly for location purposes.

A locator such as a KD-4510 or KD-4550 must be used.



Mini SeeSnake In-Line Transmitter

Mini-SeeSnake reel requires the Mini-transmitter (Catalog #67887)



SeeSnake In-Line Transmitter

Standard SeeSnake reel requires Standard transmitter (Catalog #64622)



The Pointer™ XL and SeeSnake™ with In-Line Transmitter identify and accurately locate problems in the line.

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SeeSnake® Pipe Inspection Equipment

Now inspect every job with the new...

SeeSnake® Compact & SeeSnake® Color Compact

- Inspect 1 1/2" to 4" drains up to 100'
- Durability and maneuverability in one easily affordable system
- Portability – weighs only 20 pounds

Features

- 100' Push Cable
- Built-in Transmitter for easy locates
- Unbeatable SeeSnake Durability:
 - Stainless Steel Spring Assembly
 - Stainless Steel Camera Head
 - Debris-shedding Sapphire Lens
- Unique tapered spring provides unmatched maneuverability through traps and connections
- Debris Capturing Drum
- Splash-resistant Monitor:
 - Detachable from the reel for extra versatility
 - Dockable to the reel for easy storage and transport
- AC/DC Operation

Standard Equipment

- High resolution monitor (Black & White – 5" and Color – 5" LCD)
- Splash-resistant case with a built in sunshade and spring-loaded multi-position kickstand
- Integrated, Built-in Transmitter
- Power supply
- Video In/Out Jack
- Power Indicator Light
- Battery Port for use with 14.4 Volt battery
- Power On/Off button with step function dimming
- 100' of push cable
- Rust resistant Roll-cage frame
- Skid resistant feet for added stability
- Debris capturing, rotating drum with mercury-free slip rings
- Durable stainless steel camera head
- Durable stainless steel tapered spring assembly
- 24 Infrared LED's (B&W); 24 White LED's (Color)
- Interconnect cord
- Scratch resistant sapphire, debris shedding flush mount lens
- Flip Switch for 180 degree rotation of image (B&W only)



Black & White Compact



Built-In Transmitter



Color Compact

BLACK & WHITE

Catalog No.	Description
93502	SeeSnake Compact System w/(2) batteries and (1) charger
93507	SeeSnake Compact System
92707	SeeSnake Compact Reel Only
92712	See Snake Monitor Pack Only

COLOR

Catalog No.	Description
95542	SeeSnake Color Compact System w/(2) batteries and (1) charger
95537	SeeSnake Color Compact System
95527	SeeSnake Color Compact Reel Only
95532	SeeSnake Color Monitor Pack Only

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SeeSnake® Pipe Inspection Equipment

SeeSnake systems consist of a SeeSnake or Mini-SeeSnake Reel and a Camera Control Unit. All SeeSnake Reels are compatible with all Camera Control Units.

Ordering example: KD-200 B&W Mini-SeeSnake with Monitor+VCR

CATALOG #69752

consists of

CAT #67262

AND

CAT #69697



Shipment will consist of two boxes – one for the reel and one for the camera control unit.

Note: The SeeSnake® Compact & SeeSnake® Color Compact are shipped in one box.

Ordering Information Systems – (115V – 60Hz)

Systems (115V-60Hz)		Black & White – EIA Monitor and Control Systems					Color – NTSC		
		VSM	Monitor+VCR	Monitor	Toolbox Monitor	Power Pack	Color Video Tool Case	Color Monitor+VCR	Power Pack
SeeSnake Reels	KD-200	68582	69722	64232	74672	64242	90767	73182	70617
	KD-325	68592	69732	64247	74677	64257	90772	73187	70622
Mini-SeeSnake Reels	KD-100-Mini	68622	69742	67237	74692	67242	90777	83632	83622
	KD-200-Mini	68632	69752	67247	74697	67252	90782	83652	83642

Components – SeeSnake & Mini-SeeSnake

	SeeSnake Cat. No.	Description	Mini-SeeSnake Cat. No.
Reels	64237	KD-200' B&W Reel	–
	64252	KD-325' B&W Reel	–
	–	KD-100' Mini B&W Reel	67257
	–	KD-200' Mini B&W Reel	67262
	70582	KD-200' Color Reel	–
	70587	KD-325' Color Reel	–
Camera Controls Units	–	KD-100' Mini Color Reel	83602
	–	KD-200' Mini Color Reel	83612
	68407	Video System Manager w/Audio	68407
	69697	Monitor+VCR	69697
	64217	Monitor	64217
	74647	Toolbox Monitor	74647
	64227	Power Pack	64227
	90717	Color Video Tool Case	90717
	73172	Color Monitor+VCR	73172

Accessories

SeeSnake Cat. No.	Description	Mini-SeeSnake Cat. No.
64592	B&W Camera Head – EIA	67297
90882	Color Camera Head – NTSC	83592
64622	In-Line Pipe Location Transmitter	67887
64607	200' Standard SS Push Cable Assembly	–
64612	325' Standard SS Push Cable Assembly	–
–	100' Mini SS Push Cable Assembly	67322
–	200' Mini SS Push Cable Assembly	67327
73142	SeeSnake Cable CountIR	–
90407	SeeSnake Systems Cable - 33'	–
–	SeeSnake Systems Cable - 10'	90412
64497	SS 3" Centering Star Guides, Package of 20	–
64502	SS 6" Centering Star Guides, Package of 10	–
91317	SS Ball Guides, Package of 10	–
93387	SS Guide Hoop, Package of 4	–
64492	Extended Handle for Standard SS Reel	–
–	Mini Centering Star Guides, Package of 20	67312
–	Mini Ball Guides, Package of 10	88392
–	Mini Guide Hoop, Package of 4	93392
88782	Universal Spanner Wrench	88782