

# RIDGID®



# DIAGNOSTICS, INSPECTION & LOCATING

## Diagnostics, Inspection & Locating

RIDGID® diagnostics offer products that set the standard in ruggedness and durability with the technology needed to finish a job. These products include:

- RIDGID SeeSnake® video inspection systems that are the standard for reliability and maneuverability.
- The NaviTrack® II and the NaviTrack Scout® locators that are the easiest to learn and use. Ideal for locating sondes.
- RIDGID hand-held inspection cameras that diagnose and solve problems in tight spaces.
- RIDGID hand-held diagnostic equipment that provides simple, quick and accurate readings.

Drain & Sewer Video Inspection	Pipe Diameter (in.)	Cable Length (ft.)	Page No.
SeeSnake Mini/Self-Leveling Mini	1½ - 6	200	12.6
SeeSnake Standard/Self-Leveling	2 - 12	325	12.7
SeeSnake Max rM200	1½ - 8	165 to 200	12.8
SeeSnake Compact2	1½ - 6	100	12.9
SeeSnake microDrain™	1¼ - 3	65	12.10
SeeSnake microReel™	1½ - 5	100	12.11
SeeSnake nanoReel™	¾ - 2	85	12.12
CrossChek™	1¾ - 3	—	12.13
Monitors & Recorders	—	—	12.14-12.17

Digital Interfaces	Page No.
Laptop Interface	12.18
Inspection Software & Business Tools	12.19-12.20

Hand-Held Video Inspection	Cable Length (ft.)	Camera Diameter (in.)	Page No.
micro CA-25	3	0.7	12.21
micro CA-100	3-30	0.7	12.22
micro CA-300	3-30	0.7	12.23

Hand-Held Diagnostics	Page No.
micro IR-100 Non-Contact Infrared Thermometer	12.25
micro LM-100 Laser Distance Meter	12.26
micro LM-400 Advanced Laser Distance Meter	12.27
micro CD-100 Combustible Gas Detector	12.28

Locating	
Index/Selection	12.29-12.30

Utility Locating	No. of Frequencies			Page No.
	Passive	Line Trace	Sonde	
SeekTech® SR-20	5	4	7	12.31
SeekTech® SR-24	4	4	7	12.32
SeekTech SR-60	5	8	7	12.33
Transmitters	—	—	—	12.34-12.35

Plumbing Locating	No. of Frequencies			Page No.
	Passive	Line Trace	Sonde	
NaviTrack® II	1	6	7	12.36
NaviTrack Scout®	1	3	4	12.37
Transmitters	—	—	—	12.38-12.39

## DIAGNOSTICS, INSPECTION & LOCATING

RIDGID® tools are profit machines. Each one gives you the easy-to-use features needed to get the job done right and quickly to increase job profitability. You can depend on the high quality they provide for long service life to optimize your investment. You can also depend on RIDGID to offer a wide selection of complementary choices and options to help your business attract new customers and keep old ones to grow your business volume.

From our popular line of SeeSnake® video inspection systems and digital visualization tools, SeekTech® and NaviTrack® utility and plumbing locators, and hand-held diagnostic tools – we offer the tools to help you increase revenues. See it for yourself.



### See It

#### Video Inspection Equipment

No matter what you need to see into, around or behind, there is a RIDGID inspection system available. With a wide selection of cameras, push cables, reels and monitors, there is a system that meets your needs. Each one is easy to use and durable – traits that you have come to expect from RIDGID.

*See More Starting on Page 12.6*

### Record & Share It

#### Digital Recording, Storing and Sharing

Recording and sharing inspection videos to streamline record keeping, communication with customers and collaboration has never been easier. Now you can view, store and share inspection videos on DVD, on a laptop, or on the Internet. More ways that RIDGID helps increase profitability, professionalism and efficiency.

*See More Starting on Page 12.14*

## DIAGNOSTICS, INSPECTION & LOCATING



### Manage It

#### Hardware and Software Digital Tools

A laptop interface for your SeeSnake® inspection system, powerful and full-function SeeSnake HQ inspection software are all available to increase productivity and profitability.

*See More Starting on Page 12.18*

### Diagnose It

#### Hand-Held Measurement Tools

You can depend on RIDGID® diagnostic tools to provide the features and ease-of-use you need to speed a variety of measurement jobs. Each one includes easy-to-read LCD backlit displays that are designed to be easily seen indoors and outdoors.

*See More Starting on Page 12.21*

### Find It

#### Locating Equipment

A full line of RIDGID locators and transmitters are available to meet your needs for fast and accurate identification of buried electric, cable, water, gas, oil, telecom, drain and sewer utilities. Each one is easy to use, offers the flexibility to meet various needs and is an ideal complement to RIDGID video inspection equipment.

*See More Starting on Page 12.29*













# DIAGNOSTICS, INSPECTION & LOCATING

## Selection Overview

### SeeSnake® Reel and Camera Selection

For inspecting lines ¾" to 12" in diameter, there is no better choice than a SeeSnake cable reel and camera system. Each one offers ease-of-use, application-matched features and unmatched durability and longevity.

	SeeSnake Mini		SeeSnake		SeeSnake Max rM200A	SeeSnake Max rM200B	SeeSnake Compact2	SeeSnake microDrain™ D30/D65S	SeeSnake microReel™ L100/L100C	SeeSnake nanoReel N85S
	Mini Color Reel	Self-Leveling	Standard	Self-Leveling						
										
	14063	48488	14053	13988	42348	47528	48093	37468	35183	40008
Applications	Industrial	Industrial	Industrial	Industrial	Industrial	Industrial	Main Drain Lines	Toilets / Sinks / Lines	Lateral Drain Lines	HVAC/Utilities
PAGE NUMBER	12.6	12.6	12.7	12.7	12.8	12.8	12.9	12.10	12.11	12.12
Line Capacity	1½" to 6" 3.8 to 15 cm	1½" to 6" 3.8 to 15 cm	2" – 12" 5 – 30 cm	2" – 12" 5 – 30 cm	1½" to 8" 3.8 to 20.3 cm	2½" to 8" 5.1 to 20.3 cm	1½" – 6" 3.8 to 15.2 cm	1" – 3" 32 – 76 mm	1½" – 4" 3.8 – 10.2 cm	¾" – 2" 1.90 – 5.08 cm
Maximum Run	200' / 61 m	200' / 61 m	325' / 99 m	325' / 99 m	200' / 61 m	165' / 50 m	100' / 30.48 m	65' / 20 m	100' / 30.48 m	85' / 25.9 m
Sonde Transmitter	512 Hz	512 Hz	512 Hz	512 Hz	512 Hz	512 Hz	512 Hz	Optional 512 Hz	512 Hz	512 Hz
Distance Measurement	Built-In Counter	Built-In Counter	Built-In Counter	Built-In Counter	Built-In Counter	Built-In Counter	–	–	Optional	–
MECHANICAL										
Weight (Excl Monitor)	24.5 lbs / 11.1 kg (reel)	24.5 lbs / 11.1 kg (reel)	53 lbs. / 19.5 kg	53 lbs. / 19.5 kg	36.3 lbs / 16.5 kg (reel)	39.2 lbs / 17.8 kg (reel)	16.6 lbs / 7.5 kg (reel)	8.6 lbs / 3.9 kg or 9.8 lbs. / 4.4 kg	10.3 lbs / 4.7 kg	9.5 lb / 4.1 kg
Reel Frame Diameter	20" / 51 cm	20" / 51 cm	32" / 81 cm	32" / 81 cm	20" / 51 cm	20" / 51 cm	14" / 35.6 cm	12.75" / 32 cm	12.75" / 32 cm	12.75" / 32 cm
Camera Diameter	1.18" / 30 mm	1.18" / 30 mm	1.365" / 35 mm	1.365" / 35 mm	1" / 25 mm	1" / 25 mm	1" / 25 mm	.87" / 22 mm	.98" / 25 mm	.61" / 15.5 mm
Camera Length	1.68" / 42 mm	1.68" / 42 mm	1.68" / 42 mm	1.94" / 48 mm	1" / 26 mm	1.25" / 32 mm	1.68" / 42 mm	0.87" / 22 mm	1.48" / 38 mm	.88" / 22.5 mm
Push Cable Diameter	.31" / 8 mm	.31" / 8 mm	.44" / 11 mm	.44" / 11 mm	.30" / 7.5 mm	.40" / 9 mm	.26" / 6.6 mm	.33" / 8.3 mm	.26" / 6.6 mm	.25" / 6.3 mm
ENVIRONMENTAL										
Operating Temperature	32° to 104° F	32° to 104° F	32° to 104° F	32° to 104° F	-40° to 130° F	-40° to 130° F	32° to 104° F	32° to 115° F	32° to 115° F	32° to 115° F
Waterproof Depth	330' / 100 m	330' / 100 m	330' / 100 m	330' / 100 m	225' / 69 m	225' / 69 m	225' / 69 m	266' / 81 m	266' / 81 m	225' / 69 m
Video Resolution	768(H) x 494(V)	768(H) x 494(V)	768(H) x 494(V)	768(H) x 494(V)	648(H) x 488(V)	648(H) x 488(V)	768(H) x 494(V)	628(H) x 586(V)	628(H) x 586(V)	648(H) x 488(V)
Number of Pixels	410K	410K	410K	410K	410K	410K	410K	410K	410K	250K
Lighting	6 LEDs	18 LEDs	6 LEDs	18 LEDs	6 LEDs	6 LEDs	6 LEDs	6 LEDs	6 LEDs	3 High Flux LEDs


### Monitoring and Recording Selection

Innovation describes the line of RIDGID® monitors and recorders. The DVD*Pak* monitor, for example, features a sunlight readable display and DVD recording in a very compact package. Or, there's the micro CA-300 camera. It is a full-function monitor and recording tool for SeeSnake microDrain and microReel reels, yet it can be used with a cable-mounted camera to inspect areas as small as ¾".

	SeeSnake DVD <i>Pak</i> 2	CS10	CS6 <i>Pak</i>	CS6	CS65	micro CA-300 Camera
						
	32673	39338	45163	45143	48123	37888
PAGE NUMBER	12.14	12.15	12.16	12.16	12.17	12.23
Recording Capability	Built In DVD	Digital Video / Images	Digital Video / Images	Digital Video / Images	Digital Video/Images	Digital Video / Images
Screen Size	5.7" LCD	12.1" LCD	5.7" LCD	5.7" LCD	6.5" Color LCD	3.5" Color TFT
Screen Type	LCD	LCD	LCD	LCD	LCD	TFT
Battery	18 V LI	1 or 2 18V LI	18 V LI	18 V LI	18 V LI	3.7 V LI
Battery Runtime	2.5 to 3 hrs	4.5 hrs (2 batteries)	2.5 to 3 hrs	2.5 to 3 hrs		4 hrs
Integrated Line Trace	Yes	Yes	Yes	Yes		–
Sonde Control 512Hz	Push Button	Push Button	Push Button	Push Button		Yes
Lighting Controls	10 Level Digital	10 Level Digital	10 Level Digital	10 Level Digital		4 Level Digital
Screen Operating Range	32° F to 104° F	32° F to 104° F	32° F to 104° F	32° F to 104° F	14° F to 122°	32° F to 113° F
Recorder Operating Range	5° F to 95° F	14° F to 158° F	14° to 158° F	14° to 158° F		32° F to 113° F
Resolution	320 x 240	640 x 480	720 x 480	720 x 480	640 x 480	320 x 240

\* Recording accessory available. See page 11.13.

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	SeeSnake® LT1000/ LT1000M Laptop Interface	RIDGIDConnect™ Online Business Tool
		
	35983/36663	37348
PAGE NUMBER	12.18	12.19
Recording Capability	Digital/DVD	—
File Formats	Multi-Format	All Formats
Power Source	18V LI	—
Battery Runtime	5 hrs	—
Integrated Line Trace	Yes	—
Internet Accessibility of Video and Photos	No	Yes

### Recording, Interfacing, Archiving and Collaboration Selection




Would you like to connect your monitor to a micro CA-300 inspection camera to add complete digital capabilities? Or, transfer recordings to a laptop to burn DVDs, email images and video or store and share these files from one online location 24/7? There's a RIDGID® solution for each of these and more.

## Common Video Inspection Configurations – As Easy As 1, 2, 3

### STEP 1: PICK YOUR REEL

SeeSnake Mini/ Self-Leveling Lines 1.5" - 6" / 200' Length	Standard SeeSnake Lines 2"-12" / 325' Length	SeeSnake Max rM200 Lines 1.5"-6" / 200' Length	microReel Lines 1.5"-4" / 100' Length	microDrain Lines 1"-3" / 65' Length	nanoReel Lines 3/4"-2" / 85' Length
14063 200' Mini Color Reel 48488 200' Color Self-Leveling Reel	14053 200' Color Reel 14058 325' Color Reel 13988 200' Self-Leveling Color Reel 13998 325' Self-Leveling Color Reel	42348 rM200A Reel, SeeSnake MAX rM200A w/D2A Drum 47528 rM200B Reel, SeeSnake MAX rM200B w/D2B Drum	35183 Sonde, Counter, SeeSnake Version 35188 Sonde, Counter, micro CA-300 Handheld Version	37468 Sonde, SeeSnake Monitor Version 37473 Sonde, micro CA-300 Handheld Version	40008 nanoReel N85S
					

### STEP 2: PICK YOUR MONITOR

SeeSnake DVD Pak2 5.7" LCD. DVD w/Video Out 18V Battery Power	CS10 12.1" LCD, Digital Video/Images	SeeSnake CS6Pak 5.7" LCD, Digital Video/Images	SeeSnake CS6 5.7" LCD w/Video Out 18V Battery Power	micro CA-300 Handheld Digital Recording & Monitoring (microDrain, microReel & nanoReel)
33198 DVD Pak2 with Battery & Charger	31338 CS10 with Battery & Charger	45158 CS6Pak with Battery & Charger	45138 CS6 with Battery & Charger	37888 micro CA-300 with Battery & Charger
				

### STEP 3: PICK YOUR RECORDING ACCESSORY

<b>LT1000 Laptop Interface</b> Use Your Laptop to Monitor, Record & Report
35983 LT1000 or 36663 LT1000M with Battery & Charger


### (TOOL TIP)

RIDGID® Drain Cleaning Equipment – No matter what you need in a drain cleaning machine, there is a RIDGID product just right for you. From sink machines to drum, sectional, rodder and water jet machines, you can depend on RIDGID to have the right tool and accessories to meet your exact needs. Visit [www.RIDGID.com](http://www.RIDGID.com) for more information.

## DIAGNOSTICS, INSPECTION & LOCATING

### Reels & Cameras

**NEW**



#### SeeSnake® Mini Video Standard & Self-Leveling Inspection Systems

The SeeSnake Mini video inspection system offers unmatched reliability and performance in a ruggedized package. The Mini is now also available with a durable self-leveling camera head.

- 1½" to 6" (3.8 to 15 cm) Lines up to 200' (61 m).
- Ideal for where portability and maneuverability are crucial: multi-story buildings, rooftops, confined areas, etc.
- New Self-Leveling Camera Head – delivers crisp, clear, always upright in-pipe images.
- Built-In 512 Hz Sonde – allows you to locate a point of interest during a pipe inspection.
- Metal Frame and Rugged Drum – stands up to the rigors of a variety of demanding jobsites.
- Push Cable – pushes farther; tackles a wide range of lateral and mainline applications.

#### Specifications

- Line Capacity – 1½" to 6" (3.8 to 15 cm).
- Maximum Run – 200' / 61 m.
- Sonde – 512 Hz.
- Weight (Excl Monitor) – 24.5 lbs / 11,1 kg.
- Reel Frame Diameter – 20" / 51 cm.
- Camera Diameter – 1.18" / 30 mm.
- Camera Length – 1.68" / 42 mm.
- Push Cable Diameter – .31" / 8 mm.
- Operating Temperature – -4° to 104°F / -20° to 40°C.
- Waterproof Depth – 330' / 100 m.
- Video Resolution – 768(H) x 494(V).
- Number of Pixels – 410K.
- Lighting – 6 LEDs / 18 LEDs (for self-leveling model).

Catalog No.	Description	Voltage	Weight	
		V	lb.	kg
14063	200' Mini Color Reel (NTSC)	115	24.5	11.1
48488	200' Color Self-Leveling Reel (NTSC)	115	24.5	11.1

#### Accessories

Catalog No.	Description	Weight	
		lb.	kg
15828	Mini-SeeSnake Flexmitter	1.0	0.0
17558	Color Spanner Wrench	0.2	0.1
31753	Count Plus Cable Counter	—	—
67307	SeeSnake Interconnect Cord 33/10' (10 m/3 m)	1.1	0.5
67312	101 mm Star Guide, Fits 30 mm Camera (pkg. of 20)	0.7	0.3
93392	Mini Guide Hoop, Pkg of 4	0.2	0.1
97462	60 mm Pipe Guide, Fits 30 mm Camera (pkg. of 6)	0.4	0.2

#### Replacement Parts

Catalog No.	Description
12248	18" System Cable with Dubbing Block
14083	Color Camera Head - NTSC (115V)
67322	100' (30 m) Mini SeeSnake Push Cable Assembly
67327	200' (61 m) SeeSnake Push Cable Assembly
48533	Color Self-Leveling Camera Head (NTSC)

## Reels & Cameras



### SeeSnake® Standard & Self-Leveling Cameras

RIDGID® SeeSnake video inspection systems offer unmatched reliability and performance in a ruggedized package. Each system offers.

- 100% hardened stainless steel camera head spring assembly for optimum durability.
- Rugged, high-intensity lights for exceptional viewing and long life.
- Flexible transmitters make locating easy and are compatible with RIDGID locators.
- Can be used with any SeeSnake monitor or recorder.
- 2" to 12" (5 - 30 cm) Lines up to 325' (99 m).
- Wide pipe diameter capacity range makes this system ideal for a wide range of inspection needs.

### Specifications

- Line Capacity – 2" - 12" (5-30cm).
- Maximum Run – 325' (99m).
- Sonde – 512 Hz.
- Weight – 53 lbs / 19.5 kg.
- Reel Frame Diameter – 32" / 81 cm.
- Camera Diameter – 1.365" / 35 mm.
- Camera Length – 1.68" / 42 mm.
- Push Cable Diameter – .44" / 11 mm.
- Operating Temperature – -4° to 104°F / -20° to 40°C.
- Waterproof Depth – 330' / 100 m.
- Video Resolution – 768(H) x 494(V).

Catalog No.	Description	Voltage	Weight	
		V	lb.	kg
14053	200' Color Reel (NTSC)	115	42.0	19.0
14058	325' Color Reel (NTSC)	115	53.0	24.0
13988	200' Self-Leveling Color Reel (NTSC)	115	42.0	19.0
13998	325' Self-Leveling Color Reel (NTSC)	115	53.0	24.0

### Accessories

Catalog No.	Description	Weight	
		lb.	kg
15323	SeeSnake Flexible In-Line Transmitter	0.6	0.3
17563	Color Spanner Wrench	–	–
31753	Count Plus Cable Counter	–	–
64497	75 mm Star Guide, Fits 35 mm Camera (pkg. of 20)	–	–
64502	150 mm Star Guide, Fits 35 mm Camera (pkg. of 10)	–	–
64627	SeeSnake Interconnect Cord – 33/10' (10 m / 3m)"	–	–
93387	SeeSnake Guide Hoop, Pkg of 4	–	–
97832	SeeSnake 3" (75 mm) Roller Dolly	–	–
97852	85 mm Pipe Guide, Fits 35 mm Camera (pkg. of 10)	–	–

### Replacement Parts

Catalog No.	Description
12248	18" System Cable with Dubbing Block
14078	Color Camera Head – NTSC (115V)
14128	Color Camera Head – PAL (230V)
35103	200' SeeSnake Push Cable Assembly (Single Safety Cable)
35108	325' SeeSnake Push Cable Assembly (Single Safety Cable)
64607	200' (61 m) SeeSnake Push Cable Assembly
64612	325' (99m) Standard SeeSnake Push Cable Assembly
48543	Color Self-Leveling Camera Head – NTSC (115V)



## DIAGNOSTICS, INSPECTION & LOCATING

### Reels & Cameras



#### SeeSnake® MAX rM200 Series

The rM200 Camera System combines portability with the versatility of the D2 drum series, offering different combinations of push cable stiffness and spring flexibility to tackle any inspection job.

#### Interchangeability

- The D2 drum series currently consists of the D2A and D2B drums.
- The rM200 comes with your choice of drum.
- Either drum can be purchased separately.
- Own them both; quickly and easily interchanged giving you on-the-job flexibility.

#### Pushability

- Drums feature different push cable lengths, diameters, stiffness and springs.
- Choose the drum that enables you to easily negotiate turns and tees – there's a drum that's right for you!

#### Portability

- Easy to transport; via its wheels or carry handle.
- Dock the CS6 or CS65 digital monitor for convenient transport, operation and storage.

#### rM200A

- System Weight – 36.3 lb (16.5 kg).
- Drum Weight – 16.4 lb (7.4kg).
- Drum Diameter – 17" (43.2 cm).
- Camera View – Self-leveling.
- Length – 1" (2.6 cm).
- Diameter – 1" (2.5 cm).
- Light – 6 LEDs.
- Sonde Frequency – 512 Hz.
- Resolution – NTSC 656 x 492 Pixels; PAL 768 x 576 Pixels.
- Spring Assembly Type – Single.
- Length – 12" (30.8 cm).
- Push Cable Length – 200' (61 m).
- Diameter – 0.3" (0.76 cm).
- Fiberglass Core Diameter – 0.14" (0.36 cm).
- Minimum Bend Radius – 2.8" (7.1 cm).
- Pipe Capacity - when used with a 5" (12.5 cm) pipe guide. – 1.5" to 8" (3.8 cm to 20.3 cm).

#### rM200B

- System Weight – 39.2 lb (17.8 kg).
- Drum Weight – 19.2 lb (8.7kg).
- Drum Diameter – 17" (43.2 cm).
- Camera View – Self-leveling.
- Length – 1" (2.6 cm).
- Diameter – 1" (2.5 cm).
- Light – 6 LEDs.
- Sonde Frequency – 512 Hz.
- Resolution – NTSC 656 x 492 Pixels; PAL 768 x 576 Pixels.
- Spring Assembly Type – Dual Nested.
- Length – 17" (43.3 cm).
- Push Cable Length – 165' (50 m).
- Diameter – 0.35" (0.90 cm).
- Fiberglass Core Diameter – 0.18" (0.45 cm).
- Minimum Bend Radius – 3.5" (8.9 cm).
- Pipe Capacity - when used with a 5" (12.5 cm) pipe guide. – 2" to 8" (5.1 cm to 20.3 cm).

#### Accessories

Catalog No.	Description
35338	45 mm Pipe Guide, Fits 25 mm Camera (pkg. of 2)
40598	60 mm Pipe Guide, Fits 25 mm Camera (pkg. of 2)
46708	85 mm Pipe Guide, Fits 25 mm Camera (pkg. of 2)
46713	125 mm Pipe Guide, Fits 25 mm Camera (pkg. of 2)
47793	36 mm Pipe Guide, Fits 25 mm Camera (pkg. of 1)

#### Replacement Parts

Catalog No.	Description
43138	RM200 Camera Head NTSC

Catalog No.	Model No.	Description	Weight	
			lb.	kg
42348	rM200A	Reel, SeeSnake MAX rM200A w/D2A Drum	36 <sup>3</sup> / <sub>10</sub>	16.50
47528	rM200B	Reel, SeeSnake MAX rM200B w/D2B Drum	39 <sup>1</sup> / <sub>5</sub>	17.80
47538	rM200	Drum, rM200 D2B	19 <sup>1</sup> / <sub>5</sub>	8.70
47548	rM200	Drum, rM200 D2A	16 <sup>2</sup> / <sub>5</sub>	7.40

## Reels & Cameras



### Spare Parts

Catalog No.	Description	Weight	
		lb.	kg
48143	Compact2/CS6Pak Monitor Handle	0.7	0.3
48148	Compact2 Monitor Side Plate Spare Kit	1.3	0.6
48153	SeeSnake Monitor Side Plate Upgrade Kit	1.3	0.6

### SeeSnake® Compact2 Camera System

Small Footprint, Big Performance.

Big performance in a compact, durable package. Designed to inspect lines from 1.5" to 6" (3.8 cm to 15.2 cm), the Compact2 includes a 100' (30 m) push cable, 1" (2.5 cm) self-leveling camera head and sonde.

### Designed for the CS6Pak

Snap the CS6Pak digital recording monitor into the Compact2's docking system and you're ready for the ultra-fast set-up. Simply power the system on, tilt the monitor to the desired viewing angle and you're ready to capture high quality images and video clips to a USB drive.

- Quick-release CCU docking system for fast, efficient job set-up.
- Flexible push cable for pushing ease through multiple tight turns.
- Self-leveling camera for a crisp, clear, in-pipe image that is always upright.
- Built-in sonde to locate a point of interest during the pipe inspection.

### Specifications

- Weight (without Batteries) – 16.6 lb (7.5 kg).
- Length – 25" (63.5 cm).
- Width – 14" (35.6 cm).
- Height – 17" (43.2 cm).
- Camera Type – 1" (2.5 cm) Self-Leveling.
- Resolution – 648 x 488 (NTSC), 768 X 576 (PAL).
- Light Source – 6 LEDs.
- Sonde – 512 Hz.
- Push Cable Length – 100' (30 m).
- Push Cable Diameter – 0.26" (0.6 cm).
- Push Cable Core – 0.14" (0.3 cm) Fiberglass.
- Push Cable Bend Minimum Radius – 2.5" (6.3 cm).
- Line Capacity – 1.5" to 6" (3.8 cm to 15.2 cm).
- Operating Temperature – 32°F to 104°F (0°C to 40°C).
- Storage Temperature – 14°F to 158°F (-10°C to 70°C).
- Ingress Protection without Monitor – IPx5.

Catalog No.	Description	Weight	
		lb.	kg
48093	SeeSnake Compact2 (Reel Only)	16.6	7.5
48113	SeeSnake Compact2 System w/1 Battery and 1 Charger	25.1	11.4
48103	SeeSnake Compact2 System (Battery and AC Adapter NOT included)	22.3	10.1

### Accessories

Catalog No.	Description	Weight	
		lb.	kg
45158	CS6Pak Digital Recording Monitor	5.7	2.6
45163	CS6Pak w/2 Batteries and 1 Charger	9.5	4.3
45363	AC Battery Adapter	1.0	0.5
44693	18V Advanced Lithium 2.0Ah Battery	1.0	0.5
44698	18V Advanced Lithium 4.0Ah Battery	1.5	0.7
43458	Advanced Lithium Battery Charger (N. America)	1.8	0.8
35338	45 mm Pipe Guide, Fits 25 mm Camera (pkg. of 2)	–	–
40598	60 mm Pipe Guide, Fits 25 mm Camera (pkg. of 2)	–	–
46708	85 mm Pipe Guide, Fits 25 mm Camera (pkg. of 2)	–	–
46713	125 mm Pipe Guide, Fits 25 mm Camera (pkg. of 2)	–	–
47793	36 mm Pipe Guide, Fits 25 mm Camera (pkg. of 1)	–	–
48153	SeeSnake Monitor Side Plate Upgrade Kit	1.3	0.6

## DIAGNOSTICS, INSPECTION & LOCATING

### Reels & Cameras



#### SeeSnake® microDrain™ Video Inspection System

1¼" to 3 / 4" (32 - 75 / 100 mm)\* lines up to 65' (20 m).

Passes multiple 90° bends in most 1.5" (40 mm) drain lines.

SeeSnake microDrain™ video inspection system provides small size and maneuverability for small diameter and tight-turn radius inspections.

\* 3" (75 mm) when used with a microEXPLORER or micro CA-300. 4" (100 mm) when used with a SeeSnake monitor.

- Lightweight and compact design is one-half the size of popular inspection systems, easily stowed in a truck and carried onto the jobsite.
- Multi-monitor compatibility with existing SeeSnake monitors, or the micro CA-300 digital inspection camera.
- Durable and reliable construction with hardened stainless steel camera head spring assembly for a long service life as well as long lasting high-intensity lights for exceptional viewing.
- Ideal for inspections with tight turns such as toilet traps and P-traps.

#### Specifications

##### SeeSnake microDrain D30 & D65S System

- Camera Head – 0.86" (22 mm).
- Cable Length – 30' (10 m), 65' (20 m).
- Cable Diameter – 0.33" (8,3 mm).
- Line Capacity – 1¼" to 3" or 4" (32 - 75 / 100 mm).
- Weight – 8.6 lbs. (3,9 kg), 9.8 lbs. (4,4 kg).
- Length – 13.25" (33,7 cm).
- Width – 6.6" (16,8 cm).
- Height – 14.2" (36,1 cm).
- Resolution – 628 x 586 NTSC.
- Ball guide – 2 Included.
- Sonde – Standard with 20 m microDrain, 512 Hz.
- Counter – NA.

##### 30' (10m) microDrain

Catalog No.	Description	Weight	
		lb.	kg
33103	microDrain D30 Reel (CA300) (NTSC)	7.30	3.31

##### 65' (20m) microDrain w/Sonde

Catalog No.	Description	Weight	
		lb.	kg
37468	microDrain D65S Reel (SeeSnake) (NTSC)	9.8	4.4
37473	microDrain D65S Reel (CA300) (NTSC)	9.8	4.4
40788	microDrain D65S/micro CA-300 System (NTSC)	11.1	5.0

#### Accessories

Catalog No.	Description	Weight	
		lb.	kg
33108	Interconnect Cable for SeeSnake Monitor	0.6	0.3
33113	Interconnect Cable for CA-300 Monitor	0.6	0.3
37483	microDrain D65S Drum Only NTSC	5.3	2.4
34318	42 mm Pipe Guide, Fits 22 mm Camera (pkg. of 2)	0.2	—
40593	36 mm Pipe Guide, Fits 22 mm Camera (pkg. of 2)	0.2	—

(SeeSnake) = the reel containing the pushcable and camera head with a connection cable for a SeeSnake monitor  
(CA-300) = the reel containing the pushcable and camera head with a connection cable for a CA-300 monitor

#### Standard Equipment

Catalog No. Model No.	40788 —
37473 - microDrain D65S Reel (CA300) (NTSC)	•
37888 - micro CA-300 Inspection Camera	•

## Reels & Cameras



### SeeSnake® microReel Video Inspection System

1 1/2" to 4 / 5" (40 - 100 / 125 mm)\* lines up to 100' (30 m).

Passes 90° bends in most 50 mm lines.

SeeSnake microReel video inspection system provides small size and maneuverability for small diameter and tight-turn radius inspections.

\* 4" (100 mm) when used with a microEXPLORER or micro CA-300. 5" (125 mm) when used with a SeeSnake monitor.

- Lightweight and compact design is one-half the size of popular inspection systems, easily stowed in a truck and carried onto the jobsite.
- Multi-monitor compatibility with existing SeeSnake monitors, or the micro CA-300 digital inspection camera.
- Durable and reliable construction with hardened stainless steel camera head spring assembly for a long service life as well as long-lasting high-intensity lights for exceptional viewing.
- Stiffer push cable than microDrain to enable line inspections up to 100' (30m).

### Specifications

#### SeeSnake microReel L100 & L100C Systems

- Camera Head – 0.98" (25 mm).
- Cable Length – 100' (30 m).
- Cable Diameter – 0.27" (6,7 mm).
- Line Capacity – 1 1/2" to 4" or 5" (40 - 100 / 125 mm).
- Weight – 10.3 lbs. (4,7 kg).
- Length – 13.25" (33,7 cm).
- Width – 6.6" (16,8 cm).
- Height – 14.2" (36,1 cm).
- Resolution – 510 x 496.
- Ball guide – 2 included.
- Sonde – 512 Hz.
- Counter – Optional (L100C).

#### 100' (30m) microReel L100 w/Sonde

Catalog No.	Description	Weight	
		lb.	kg
35133	microReel L100 (SS CCU) NTSC	10.30	4.70
35143	microReel L100 (CA300) NTSC	10.30	4.70
40798	microReel L100/micro CA-300 System NTSC	11.60	5.30

#### 100' (30 m) microReel L100C w/Sonde and Counter

Catalog No.	Description	Weight	
		lb.	kg
35183	microReel L100C (SS CCU) Counter NTSC	10	4.70
35188	microReel L100C (CA300) Counter NTSC	10	4.70
40808	microReel L100C/micro CA-300 System NTSC	12	5.30

### Accessories

Catalog No.	Description	Weight	
		lb.	kg
33108	Interconnect Cable for SeeSnake Monitor	0.65	0.31
33113	Interconnect Cable for CA-300 Monitor	0.65	0.31
34623	microReel L100 Drum Only w/Sonde NTSC	5.50	2.50
35243	microReel L100C Drum Only NTSC	5.50	2.50
35338	45 mm Pipe Guide, Fits 25 mm Camera (pkg. of 2)	–	–
40598	60 mm Pipe Guide, Fits 25 mm Camera (pkg. of 2)	–	–

(SeeSnake) = the reel containing the pushcable and camera head with a connection cable for a SeeSnake monitor  
(CA-300) = the reel containing the pushcable and camera head with a connection cable for a CA-300 monitor

### Standard Equipment

Catalog No. Model No.	40798 –
Reel, Microreel L100 115V Exp	•
37888 - micro CA-300 Inspection Camera	•



## DIAGNOSTICS, INSPECTION & LOCATING

### Reels & Cameras



#### SeeSnake® nanoReel Industrial Video Inspection System

¾" to 2" (20 to 50 mm) Capacity up to 85' (25 m).

Passes 90° bends in most 30 mm lines.

The SeeSnake nanoReel opens up new possibilities in long run small diameter inspection needs. Applications where only bore scopes could reach can now be inspected using the nanoReel. Boiler tubes, supply lines, sprinkler systems, and a wide array of specialty applications can all be inspected using the new nanoReel.

- Small diameter and tight turn radius camera allows lines up to 85' (25 m) to be inspected with tight turns in 1" (25 mm) lines. Can pass 90° bends from 30 mm onwards in many piping systems.
- Lightweight and compact unit allows for easy transport and efficient storage.
- Interchangeable drums let you change out the inner drum depending on the application.
- L100/L100C – 1½" to 5" (40 - 125 mm) lines with a stiffer push cable allowing you to inspect lines up to 100' (30 m).
- D30 and D65S – Small diameter with tight turns, 1½" to 4" (40 - 100 mm) P-Traps, toilet traps, pool lines up to 65' (20 m).
- N85S – Ultra small diameter lines ¾" to 2" (20 - 50 mm) with tight turns for specialized applications.

#### Specifications

- Camera Head – 0.62 (15,5 mm).
- Cable Length – 85' (25 m).
- Cable Diameter – 0.25 (6,3 mm).
- Line Capacity – ¾" to 2" (20 - 50 mm).
- Weight – 9.5 lbs. (4,1 kg).
- Length – 13.25" (33,7 cm).
- Width – 6.6" (16,8 cm).
- Height – 17.5" (44,5 cm).
- Resolution – 510 x 496.
- Ball Guide – 2 Included.
- Sonde – 512 Hz.
- Counter – NA.

Catalog No.	Description	Weight	
		lb.	kg
40818	nanoReel N85S / micro CA-300 System NTSC	10.8	4.7
39998	nanoReel N85S (CA-300) NTSC	9.5	4.1
40008	nanoReel N85S (SeeSnake) NTSC	9.5	4.1

(SeeSnake) = the reel containing the pushcable and camera head with a connection cable for a SeeSnake monitor  
(CA-300) = the reel containing the pushcable and camera head with a connection cable for a CA-300 monitor

#### Standard Equipment

Catalog No. Model No.	40818 –
37888 - micro CA-300 Inspection Camera	•
39998 - nanoReel N85S (CA-300) NTSC	•

#### Accessories

Catalog No.	Description	Weight	
		lb.	kg
33108	Interconnect Cable for SeeSnake Monitor	13/20	0.31
33113	Interconnect Cable for CA-300 Monitor	13/20	0.31



Reels & Cameras

RIDGID® CrossChek™ Inspection System

The RIDGID CrossChek allows you to visually inspect where you’ve bored before you install the new utility, helping you reduce the likelihood of undetected cross bores.

- Designed for bore slots 1.75" to 3" wide.
- Easily integrated into your current boring process.
- Keep digital video documentation of each inspection.
- Works in most soil types, including wet clay and dry sand.



Catalog No.	Description	Weight	
		lb.	kg
42323	CrossChek Rig (nanoReel)	4.0	—
42328	CrossChek Rig (microDrain)	4.0	—
42333	CrossChek Rig (microReel)	4.0	1.8

## DIAGNOSTICS, INSPECTION & LOCATING

# Monitors & Recorders

### SeeSnake® DVDPak2 Inspection Camera Monitor

The new SeeSnake® DVDPak2 Monitor lets you reliably monitor and record inspections in the most extreme conditions.

- Lightweight and Small – design makes carrying your tools to the job site and stowing your monitor easier than ever.
- Exceptional DVD Burning Reliability – takes the question out of what DVDs to use, and how to finalize correctly.
- Fully Weatherized Design – gives you superior job site durability.
- Lithium-Ion Battery Power (Optional) – allows you to record inspections regardless of the availability of AC Power.

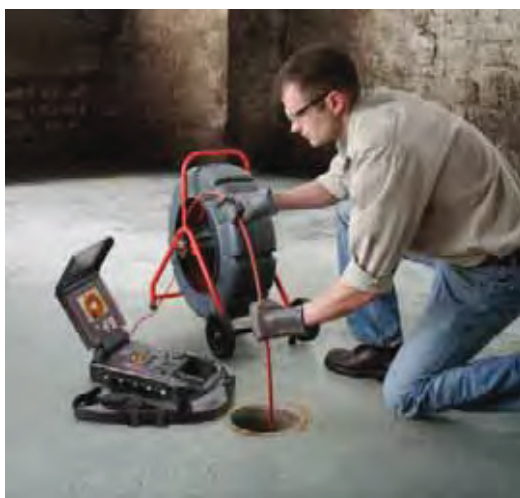
### Specifications

- Display – 5.7" LCD.
- Resolution – 320 x 240.
- Power Source – RIDGID 18V Advanced Lithium 2 Battery (Optional) or AC Plug.
- Weight – 9.15 lbs. (4.2 kg).
- Length – 13.8" (35.1 cm).
- Width – 9.1" (23.11 cm).
- Height – 5.3" (13.5 cm).
- Input – Composite Video In, Built-In Microphone.
- Media Compatibility – DVD-R, DVD+R, DVD-RW, DVD+RW, DVD+R DL.

Catalog No.	Description	Weight	
		lb.	kg
32673	DVDPak2 Monitor Only – 5.7" LCD (115V)	8.0	3.6
33198	DVDPak2 Monitor w/Battery and Charger – 5.7" LCD (115V)	12.0	5.4

### Accessories

Catalog No.	Description	Weight	
		lb.	kg
44848	Set of (1) 2.0Ah Battery & (1) 120V Charger, N. America	2 <sup>4</sup> / <sub>5</sub>	1.30
44853	Set of (2) 2.0Ah Batteries & (1) 120V Charger, N. America	3 <sup>4</sup> / <sub>5</sub>	1.70
45363	AC Battery Adapter	1	0.50



## Monitors & Recorders



### SeeSnake® CS10 Digital Recording Monitor

The CS10 Monitor combines RIDGID® durability with the easiest to use digital recording monitor in the industry. One touch recording allows you to record snapshots and video directly to a USB stick then hand it directly to your customer.

- USB Stick – recording lets you record digitally into a format that your customer can read on their computer.
- 12.1" Daylight Readable Display – allows you to easily monitor and record inspections in bright outdoor environments.
- Integrated Line Tracing – allows tracing the reel push cable with a RIDGID locator (requires a RIDGID transmitter).
- Multi Mode Recording – lets you take snapshots, record full frame video, and record in a lean video format called Auto-log (small files).
- Software Integrations – with SeeSnake HQ™ allow you to deliver your inspections in a wide array of formats from online to DVD.

### Specifications

- Weight – 13 lbs (5,9 kg).
- Length – 14.3" (36,3 cm).
- Width – 11.9" (30,2 cm).
- Height – 12.4" (31,5 cm).
- Display – 12.1" Daylight Readable LCD.
- Resolution – 640 x 480.
- Power Source – 1 or 2 RIDGID 18V Advanced Lithium Battery (Optional) or AC Plug.
- Audio – Integrated Microphone and Speaker.
- Video – AVI 20FPS - 720 x 480.
- Image – JPG - 720 x 480.
- Transfer – USB stick.
- Software – Includes SeeSnake HQ Software.

Catalog No.	Description	Weight	
		lb.	kg
39338	CS10 Monitor w/2 Batteries and Charger (115V)	15.8	7.2
39328	CS10 Digital Recording Monitor (115V)	12.0	5.4

### Batteries and Chargers

Catalog No.	Description	Weight	
		lb.	kg
44848	Set of (1) 2.0Ah Battery & (1) 120V Charger, N. America	2.8	1.3
44853	Set of (2) 2.0Ah Batteries & (1) 120V Charger, N. America	3.8	1.7



## DIAGNOSTICS, INSPECTION & LOCATING

# Monitors & Recorders

### SeeSnake® CS6 and CS6Pak Digital Recording Monitors

Fast, Efficient Results.

Capture still images and video clips directly to a USB thumbdrive and generate high quality multi-media reports.

Both monitors have the same features and are compatible with all SeeSnake camera reels. The CS6 mounts to the SeeSnake MAX rM200 docking handle for easy transport and storage. The CS6Pak mounts to the Compact2 and can be quickly detached for convenient placement and storage.

The CS6 and CS6Pak have the same great software and reporting capabilities in two distinct form factors.

- One-touch recording – for fast, efficient documentation of inspection jobs.
- Water-resistant keypad – for direct control of essential camera and monitor functions.
- Daylight viewable display – for a crisp, clear in-pipe image.
- SeeSnake HQ Software – to edit, archive, and deliver reports via print, DVD, or online.
- On-screen keyboard – for adding custom job information and text notes.

#### CS6

- Weight (without battery) – 3.6 lb (1.6 kg).
- Length – 14.2" (36 cm).
- Width – 6.5" (16.5 cm).
- Height – 5.1" (13.0 cm).
- Resolution – 640 x 480 (VGA) Color LCD.
- Display – 5.7" Daylight Readable LCD.
- Video – MPEG4 (H.264) 30 FPS.
- Autolog – MPEG4 (H.264) Variable Frame Rate.
- Image – JPEG.
- Audio – Integrated Microphone and Speakers.
- Transfer – USB Thumb Drive .
- Power Source – 18V Advanced Lithium Battery (Optional) or AC a dapter.
- Operating temperature – 14°F to 117°F (-10°C to 47°C).
- Storage temperature – 14°F to 158°F (-10°C to 70°C).
- Relative humidity – 5% to 95%.
- Altitude – 13,120' ( 4,000 m).

#### CS6Pak

- Weight (without battery) – 5.7 lb (2.6 kg).
- Length – 14" (35.6 cm).
- Width – 7.6" (19.3 cm).
- Height – 10.6" (26.9 cm).
- Resolution – 640 x 480 (VGA) Color LCD.
- Display – 5.7" Daylight Readable LCD.
- Video – MPEG4 (H.264) 30 FPS.
- Autolog – MPEG4 (H.264) Variable Frame Rate.
- Image – JPEG.
- Audio – Integrated Microphone and Speakers.
- Transfer – USB Thumb Drive.
- Power Source – 18V Advanced Lithium Battery or AC adapter.
- Operating temperature – 14°F to 117°F (-10°C to 47°C).
- Storage temperature – 14°F to 158°F (-10°C to 70°C).
- Relative humidity – 5% to 95%.
- Altitude – 13,120' (4,000 m).

Catalog No.	Description	Weight	
		lb.	kg
45138	CS6 Digital Recording Monitor	3.6	1.6
45143	CS6 w/2 Batteries and 1 Charger	7.4	3.4
45158	CS6Pak Digital Recording Monitor	5.7	2.6
45163	CS6Pak w/2 Batteries and 1 Charger	9.5	4.3
45363	AC Battery Adapter	1.0	0.5

#### Accessories

Catalog No.	Description	Weight	
		lb.	kg
44848	Set of (1) 2.0Ah Battery & (1) 120V Charger, N. America	2.8	1.30
44853	Set of (2) 2.0Ah Batteries & (1) 120V Charger, N. America	3.8	1.70

## Monitors & Recorders



### CS65 Digital Reporting Monitor

Complete Reporting Solution.

One-touch image and video capture directly to one or two USB drives and the built-in 1 TB hard drive. The CS65 mounts to the SeeSnake Max rM200 for easy transport and storage.

Easily add on-screen titles and annotate captured media with the built-in keyboard and automatically generate high quality multimedia reports.

- One-touch recording for fast, efficient documentation of inspections.
- 1 TB internal hard drive provides ample storage for multiple jobs.
- PhotoTalk™ pairs audio commentary with an image, in an email-ready file.
- Daylight viewable display for a crisp, clear, in-pipe image.
- Water-resistant keyboard makes it easy to add onscreen titles and annotate reports.
- HQ Software to edit, archive, and deliver reports via print, DVD, or online.

### Specifications

- Weight (without battery) – 9.8 lb (4.4 kg).
- Length – 15.9" (403 mm).
- Width – 12.3" (312 mm).
- Height – 9.9" (251 mm).
- Power Source – 18V Advanced Lithium Battery or AC Adapter.
- Power Rating – 16 to 25 VDC, 30W.
- Operating Temperature – 14°F to 122°F (-10°C to 50°C).
- Storage Temperature – -4°F to 140°F (-20°C to 60°C).
- Relative Humidity – 5% to 95%.
- Altitude – 13,120' (4,000 m).
- Display – 6.5" (165 mm) Daylight Readable LCD.
- Resolution – 640 x 480 VGA.
- Video Format – MPEG4 (H.264) 30 FPS.
- Autolog Format – MPEG4 (H.264) Low, Variable Frame Rate Decreased File Size.
- Image Format – JPEG.
- Audio – Integrated Microphone and Speakers.
- Transfer – USB Drive.

Catalog No.	Model No.	Description	Weight	
			lb.	kg
48123	CS65	CS65 Digital Reporting Monitor	9.5	4.3
48133	CS65	CS65 w/2 Batteries and 1 Charger	13.3	6.0



## DIAGNOSTICS, INSPECTION & LOCATING

### Digital Interfaces



#### SeeSnake® Digital Laptop Interface

The SeeSnake LT1000 Laptop Interface allows you to leverage the power and flexibility of a laptop computer with your SeeSnake Mini or Standard drain inspection cameras and reels. It lets you use a laptop computer as a camera control unit to add powerful monitoring, recording, storage and communications capabilities.

- Ultimate Flexibility – in recording, monitoring, and reporting. Unlock the power of your laptop to monitor, record, and communicate.
- Clean Keys Control Pad – allows you to keep gloved hands off the laptop keyboard while controlling camera operation and recording during an inspection.
- Battery Powered Freedom – lets you perform inspections regardless of availability of AC power (Optional).
- Laptop Stabilization System – allows you to secure and stabilize your laptop and reel to protect it in the field (full LT1000 only).

#### Specifications

- Power Source – RIDGID 18V Advanced Lithium Battery (Optional) or AC Plug.
- Outputs – USB Video Stream, RCA Video and Audio.
- Controls – Sonde, Lights, Recording, Image Rotation, etc.

#### LT1000

The full LT1000 System mounts directly onto your SeeSnake Mini or Standard reel giving you a stacked and stable platform with a single cord interface .

- Compatibility – All SeeSnake Mini and Standard Reels.
- Includes – SeeSnake HQ™ Monitoring/Recording Software, Reel Mounting Kit, 6' (1,8 m) USB Cable, 4 Reel Outriggers (for stability), AC Power Cable.

#### LT1000M

The LT1000M is a detached interface that allows you to interface with any SeeSnake reel.

- Compatibility – All SeeSnake Reels.
- Includes – SeeSnake HQ Monitoring/Recording Software, 3' (90 cm) USB Cable, Micro Frame, AC Power Cable.

Catalog No.	Description	Weight	
		lb.	kg
35973	LT1000 Laptop Interface System (115V)	6.0	2.7
35983	LT1000 w/Battery and Charger Kit (115V)	7.4	3.3
36653	LT1000M Laptop Interface System (115V)	4.7	2.1
36663	LT1000M w/Battery and Charger Kit (115V)	6.0	2.7

#### Batteries and Chargers

Catalog No.	Description	Weight	
		lb.	kg
43458	Advanced Lithium Battery Charger (N. America)	1 ½	0.80
44693	18V Advanced Lithium 2.0Ah Battery	1	0.50

### Digital Interfaces



#### SeeSnakeHQ™ Digital Inspection Software

SeeSnake HQ is powerful installed software for monitoring, recording and managing digital inspection data in the field. Record and document your findings, burn DVDs and export to a USB drive. For the ultimate in digital flexibility, upload directly to RIDGIDConnect.com™ for easy communication and secure storage.

#### Monitor and Record

- Use your laptop as a large screen monitoring display.
- Record videos and images directly to your hard drive.
- Record your observations and control your inspection camera using the power of a laptop.

#### Report

- Document your observations and create a report of your findings.
- Store details about the job including contact information, observations, recommendations and notes.
- Customize the appearance of your reports to fit your company.

#### Delivery

- Upload your complete reports directly to your RIDGIDConnect.com account with one mouse click.
- Burn DVDs for your customers or hand them a USB drive.



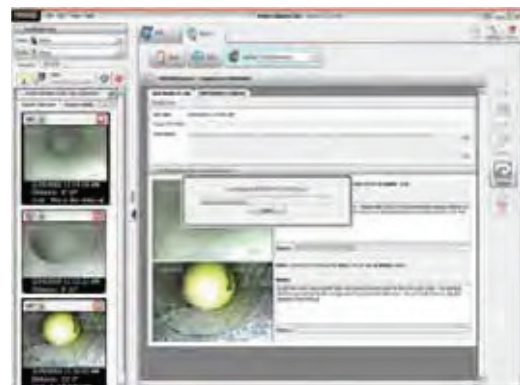
*Monitor and record your inspections.*



*Enhance and edit captured footage.*



*Generate detailed reports in the field.*



*Upload your reports directly to RIDGIDConnect.*

# DIAGNOSTICS, INSPECTION & LOCATING

## Digital Interfaces



**Access To Your Business Information 24/7**  
With RIDGIDConnect you can have secure access to your data from any web browser. You can also work with your information in the field and create new reports via your mobile smartphone. Look up job reports, upload media from the phone or recall insights about a customer. RIDGIDConnect puts your business records at your fingertips.

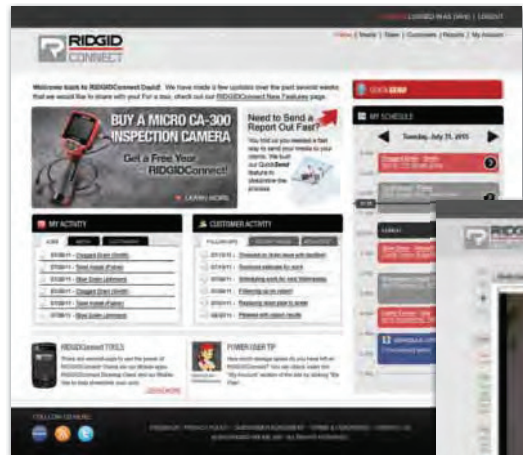
**RIDGIDConnect™ Online Business Tool**  
RIDGIDConnect is the online solution that streamlines your reporting process, integrates digital media and files into a hosted archive environment, and makes professional reports that you can share with anyone.

**RIDGIDConnect Allows You To:**

- Create job reports for one or many to see.
- Associate any type of digital file or media with a report to share.
- Tag your media for reference and quick look up.
- Edit video, extract frames as images and add image mark-ups to tell the story.
- Add bookmarks to videos to direct viewers to areas of interest.
- Control access to your information by expiration date or total number of views.
- Manage your customer list and associate geotags with provided addresses.
- Import address lists from any standard program.
- Choose QuickSend to upload and share the report all in one step.
- Desktop application to compress media prior to upload.
- Post level videos to compensate for camera heads that are not self-leveling.
- Keep company-only notes about jobs and customers to help recall service information.
- Schedule jobs, set reminders and dispatch work within your company.
- Enable your customers to upload media to a report so you can understand the issue before arriving on site.
- Seamlessly integrate job reports from SeeSnake HQ™ to your RIDGIDConnect account.
- Have daily backups and 24/7 access via web browser to all your information.

The RIDGIDConnect site is full of application ideas as well as screen casts and videos to help you quickly get started. Register for a Basic or higher level account to share all types of media or choose an Express account to share image-only reports. Visit [www.ridgidconnect.com](http://www.ridgidconnect.com) to get started.

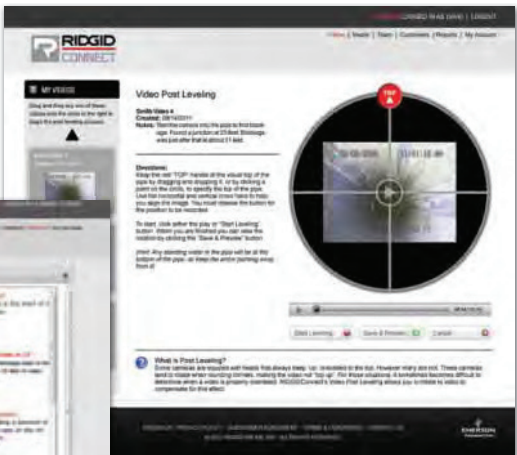
Catalog No.	Description
37348	RIDGIDConnect Annual Basic Subscription
See <a href="http://www.RIDGIDConnect.com">www.RIDGIDConnect.com</a> For Monthly Subscription Plans.	



Easy to navigate dashboard with all your activity.



Describe and bookmark your videos.



# Hand-Held Video Inspection



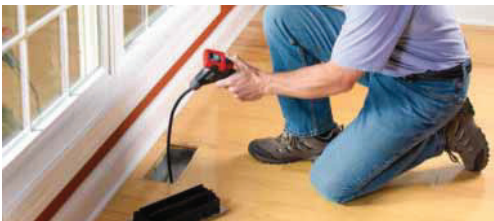
## micro CA-25 Digital Inspection Camera

The new RIDGID® micro CA-25 is a compact handheld inspection camera with a fixed 17 mm waterproof imager head for basic and short-range inspection jobs.

The micro CA-25 features a 17 mm aluminium imager head with 4 ultra-bright LED lights, bringing superior image quality to its 2.4" Color LCD Screen. It also features Video Out for transferring live images to external devices and 180° Digital Image Rotation for getting upright images. Included with the micro CA-25 in a hard shell plastic case are a hook, magnet, mirror and RCA cable.

### Specifications

- Display – 2.4" Color LCD (480 x 234 Resolution).
- Camera Head – 17mm diameter, aluminum construction.
- Lighting – 4 LEDs with adjustable brightness.
- Cable Reach – 4' (1.2 m), not extendable.
- Video Output – 3' (90 cm) RCA Cable (included).
- Image Rotation – 180°.
- Waterproof – Camera Head & Cable to 4' (1.2 m).
- Power Source – 4 AA Batteries (included).
- Included Accessories – Mirror, Hook & Magnet. Blow-Molded Case.



Catalog No.	Description	Weight	
		lb.	kg
40043	micro CA-25 Inspection Camera	4.7	2.1

### Standard Equipment

Catalog No. Model No.	40043 —
Pack, Micro CA 17mm Accessory	•

### Replacement Parts

Catalog No.	Description	Weight	
		lb.	kg
37123	Mirror, Hook & Magnet for 17mm Camera Head	0.1	0.0



## DIAGNOSTICS, INSPECTION & LOCATING

# Hand-Held Video Inspection



### micro CA-100 Inspection Camera

The new RIGID® micro CA-100 Inspection Camera, the next evolution of the SeeSnake® micro Inspection Camera, allows you to perform more detailed visual inspections in even harder-to-reach areas. Its comfortable pistol-grip design, one-hand controls, and large screen make it easy to see into the tightest spots. The micro CA-100 comes standard with a rugged 0.7" (17 mm) anodized aluminum camera head with four super bright LEDs to see into the darkest areas. Easily rotate the active image counter-clockwise to see in any situation. With an available 6 mm camera accessory, the micro CA-100 Inspection Camera allows you to service and identify problems in more places. The RIGID micro CA-100 Inspection Camera provides solutions whenever and wherever you need them.

### Specifications

- Display – 3.5" Color LCD (320 x 240 Resolution).
- Camera Head – 17 mm Diameter, Aluminum Construction.
- Lighting – 4 LEDs with Adjustable Brightness.
- Cable Reach – 3' (90 cm) expandable to 30' (9 m) w/optional extensions.
- Video Output – 3' (90 cm) RCA Cable (included).
- Image Rotation – 4 x 90°.
- Waterproof – Camera Head & Cable to 10' (3 m).
- Power Source – 4 AA Batteries.
- Attachments – Mirror, Hook & Magnet.

Catalog No.	Description	Weight	
		lb.	kg
36738	micro CA-100 Inspection Camera	5.5	2.5

### Accessories

Catalog No.	Description	Weight	
		lb.	kg
37108	Cable Extension 3' (90 cm)	0.8	0.3
37113	Cable Extension 6' (180 cm)	1.5	0.7
37098	6 mm Imager with 1 m Cable*	0.2	0.1
37093	6 mm Imager with 4 m Cable*	0.9	0.4
31128	Universal 3' (90 cm) Cable Extension	0.8	0.3

\*Not compatible with original micro inspection camera 25643 (rotary power switch design).

### Replacement Parts

Catalog No.	Description	Weight	
		lb.	kg
37103	17 mm Replacement Imager 3' (90cm)	0.7	0.3
37123	Mirror, Hook & Magnet for 17mm Camera Head	0.1	0.0



## Hand-Held Video Inspection



### micro CA-300 Inspection Camera

Documentation made easy with the new RIDGID® micro CA-300 Inspection Camera, the next evolution of the microEXPLORER®. Easily record still images and videos of problems in hard-to-reach areas and save these on the internal memory (235 mb) or the included 4 GB SD-card. Comfortable pistol-grip design, large screen and rugged anodized aluminum camera head with four bright LEDs make it easy to detect and diagnose the unreachable. Get the perfect view with enhanced features like image rotation and digital zoom. Besides the replaceable 3.7V Li-Ion battery, the micro CA-300 can also be powered with the included AC Adapter which is ideal for time consuming (drain) inspection jobs or when you simply run out of battery.

### Included

- micro CA-300 with 17 mm imager, battery, charger, USB cable, hook, magnet and mirror accessories, RCA cable, AC adapter, headset with microphone, 4Gb SD card.

### Specifications

- Display – 3.5" Color LCD (320 x 240 Resolution).
- Camera Head – 17 mm Diameter, Aluminum Construction.
- Lighting – 4 LEDs with Adjustable Brightness.
- Cable Reach – 3' (90 cm) expandable to 30' (9 m) w/optional extensions.
- Image/Video Format – Still Image - JPEG (640 x 480) / Video - MP4 (640 x 480 resolution).
- Video Output – 3' (90 cm) RCA Cable included (640 x 480 resolution).
- Waterproof – Camera & Cable to 10' (3 m) when properly assembled.
- Power Source – 3.7V Li-Ion Battery / 5V AC Adapter.
- Image Rotation – 4 x 90°.
- Digital Zoom – Yes.
- Internal Memory – 235 MB.
- SD-card – Up to 32 GB (4 GB card included).
- Audio Recorder, Speaker, Headset – Yes, integrated.

Catalog No.	Description	Weight	
		lb.	kg
37888	micro CA-300 Inspection Camera	5.5	2.5

### Accessories

Catalog No.	Description	Weight	
		lb.	kg
37098	6 mm Imager with 1 m Cable*	6/25	0.10
37093	6 mm Imager with 4 m Cable*	9/10	0.40
37108	Cable Extension 3' (90 cm)	3/4	0.30
37113	Cable Extension 6' (180 cm)	1 1/2	0.68
30208	Car Charger (DC) Adaptor	13/50	0.12
31128	Universal 3' (90 cm) Cable Extension	3/4	0.30

\*Not compatible with original micro inspection camera 25643 (rotary power switch design).

### Replacement Parts

Catalog No.	Description	Weight	
		lb.	kg
37103	17 mm Replacement Imager 3' (90cm)	0.7	0.3
37123	Mirror, Hook & Magnet for 17mm Camera Head	0.1	0.0
37083	micro CA-300 3.7 Li-Ion battery	0.2	0.1
37088	micro CA-300 3.7V Battery Charger	0.2	0.1

Hand-Held Video Inspection



6 mm imager with 1 m cable



6 mm imager with 4 m cable



Mirror, hook and magnet for 6 mm camera head

6 mm Diameter Imager Head Accessory

- Nearly one-third the size of the standard camera head.
- Enables detailed inspections in very confined spaces.
- 4 LED lights provide clear images.
- Fully flexible cables for easy navigation.
- Sleek aluminum construction withstands demanding applications.
- Compatible with: RIDGID® micro CA-100, micro CA-300, microEXPLORER and SeeSnake micro \*.

Specifications

- Camera Head – 6 mm Diameter, Aluminum Construction.
- Compatibility – RIDGID® micro CA-100, micro CA-300, microEXPLORER, and SeeSnake micro \*.

Catalog No.	Description	Weight	
		lb.	kg
37093	6 mm Imager with 4 m Cable*	0.9	0.4
37098	6 mm Imager with 1 m Cable*	0.2	0.1

Includes: Hook, Magnet and Mirror Accessory

\*Not compatible with original micro inspection camera 25643 (rotary power switch design).

Replacement Parts

Catalog No.	Description
45358	Mirror, Hook & Magnet for 6mm Camera Head

## Test and Measurement



### micro IR-100 Non-Contact Infrared Thermometer

The RIDGID® micro IR-100 Non-Contact Infrared Thermometer provides simple, quick and accurate surface temperature readings at the push of a button. You simply squeeze the trigger and point the ultra-sharp dual Class II lasers at the surface being measured. The micro IR-100 provides an immediate temperature measurement on a clear, easy-to-read backlit LCD display. In addition to numerous other uses, this rugged and compact instrument enables professional tradesman to diagnose heating and ventilation problems, perform preventative monitoring of electrical motors and systems, troubleshoot steam traps and quickly check fuses or circuit breakers for overheating – all without contact.

- Ultra Sharp Dual Class II Lasers illuminate the surface being measured.
- Ergonomic Pistol Style Grip with rugged over molding allows you to keep a solid grip in the harshest of industrial environments.
- 20:1 Distance To Spot Ratio allows you to take more accurate measurements from long distances.
- Visual and audible alarms quickly alert you to temperatures outside of the ranges that you set.
- Bright Backlit Display which can be toggled on in poorly lit areas.
- Tripod Mount Capable for repeatable, precise temperature measurements.

### Specifications

- Temperature Range – -58° to 1472°F (-50° to 800°C).
- Measurement Accuracy – -58°F ~68°F (-50°C ~20°C) ±4.5°F (2.5°C); 68°F ~1472°F (20°C ~800°C) ±1.0% or ±1.8°F (1.0°C).
- Response Time – Distance To Spot Ratio – 20:1.
- Temperature Display – Current temperature, max temperature.
- Measurement Units – Fahrenheit, Celsius.
- Power Source – Battery (1 x 9V).



Catalog No.	Model No.	Description	Weight	
			lb.	kg
36153	micro IR-100	Non-Contact Infrared Thermometer	0.5	0.20

Test and Measurement



micro LM-100 Laser Distance Meter

The RIDGID® micro LM-100 Laser Distance Meter provides simple, quick and accurate distance readings at the push of a button. Simply push the measurement button to turn on the ultra-sharp Class II lasers, point the device at the spot to be measured, and push the measurement button. The distance reading will appear on the easy-to-read LCD display. This rugged, compact, portable instrument enables professional tradesman to quickly determine run distances for bidding, distance of piping run, measuring trouble spots down the line, and quickly determine spacing for code compliance.

- Ultra Sharp Class II Lasers clearly highlight the point being measured.
- Exceptional distance range allows accurate measurements up to 164' (50 m).
- Adjustable units enable you to quickly read feet, inches or meters on the fly.
- Bright backlit display for use in poorly lit areas.
- Quick and accurate calculations on the spot.
- Displays the last three measurements, stores the last 20 measurements.
- Rubberized over-molding allows you to keep a solid grip.

Specifications

- Measurement Accuracy –  $\pm 1/16"$ , (1,5 mm).
- Range – 164 ft (50 m).
- Measurement Units – Inches, feet, meters.
- Measurement Calculations – Area, Volume, and Indirect measurement calculations.
- Power Source – 2 x AAA Batteries (included).
- IP Rating – IP 54.



Catalog No.	Model No.	Description	Weight	
			lb.	kg
36158	micro LM-100	Laser Distance Meter	0.5	0.2





## Test and Measurement

**NEW**



### micro LM-400 Advanced Laser Distance Meter

View, Store, and Share.

Quick distance readings and advanced calculations at your fingertips. Connect to a smartphone or tablet to overlay measurements on a photo or sketch to share with others.

- Clearly view measurements on the large, backlit, 4-line display.
- Inclination angle measurement allows indirect measurements for hard to reach areas.
- Adjust units instantly to inches, feet, or meters.
- Bluetooth® connection to smartphones and tablets to view, store, and share data.
- Android® and iOS® Apps to overlay measurements onto a photo or sketch.

### Specifications

- Measuring Accuracy –  $\pm 1/16$  inch ( $\pm 1.5$ mm).
- Range – 229 feet (70 m).
- Measuring Units – inches, feet, meters.
- Angle Range –  $\pm 65^\circ$ .
- Angle Accuracy –  $\pm 0.5$ .
- Bluetooth Range – 33 ft (10 m).
- Ruggedness – IP 54 Dust Proof, Splash Proof.
- Memory Storage – 20 Measurements.
- Batteries – 2 x AA (Included).
- Auto. Shut-Off – After 3 Minutes of Inactivity.
- Includes soft carrying case and two AA batteries.



Catalog No.	Description	Weight	
		lb.	kg
36813	micro LM-400 Laser Distance Meter	0.44	0.22

### RIDGIDSKETCH

RIDGIDsketch is a tool for mobile devices that allows you to calculate and communicate measurements of your project. It can be used on its own or in conjunction with a RIDGID LM-400 Laser Distance Meter. The app will connect to your LM-400 via Bluetooth® and wirelessly receive the exact measurements from the device. RIDGIDsketch works in both drawing mode and photo overlay mode allowing you to develop precise room plans or annotate measurements within a photo.



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Android and the Android logo are trademarks of Google Inc.



Test and Measurement



micro CD-100 Combustible Gas Detector

The RIDGID® micro CD-100 Combustible Gas Detector provides simple and quick readings to identify the presence of combustible gases. It is designed to detect Methane, Propane, Butane, Ethanol, Ammonia, Hydrogen and many other combustible gases. With adjustable sensitivity, even low-levels of gases can be detected in seconds.

The RIDGID micro CD-100 Gas Detector ensures proper gas line installations, checks for maintenance and repair needs, and quickly pinpoints combustible gas leaks.

- Rugged ergonomic design makes it comfortable to use, yet tough.
- Tri-Mode Detection™ gives the operator the flexibility to be alerted with a visual, audible or vibration alert which can be adjusted for your environment.
- Adjustable sensitivity settings provide precise leak locating with the touch of a button.
- 16" (40 cm) flexible probe allows location and detection of leak in hard-to-reach and confined spaces.
- Field replaceable sensor means more up-time and less time waiting for repairs.

Specifications

- Detection Range – 0 to 6400 ppm (Methane).
- Alarm Sensitivity – 40 ppm (Methane).
- Calibration – Automatic.
- Alarms – Visual, Audible, Vibration.
- Power Source – Batteries (4 x AA).
- Gases Detected\* – Methane, Hydrogen, Propane, Ethylene, Ethane, Hexane, Iso-Butane, Benzene, Iso-Butane, Ethanol, Acetaldehyde, Toluene, P-Xylene, Methane, Ammonia, Hydrogen Sulfide.







\*Common mixtures that would include or emit more than one of these gases include natural gas, paint thinners, industrial solvents, dry cleaning fluids, and gasoline.



Catalog No.	Model No.	Description	Weight	
			lb.	kg
36163	micro CD-100	Combustible Gas Detector	1.0	0.45
31948	CD-100 RS	Replacement Sensor	—	—

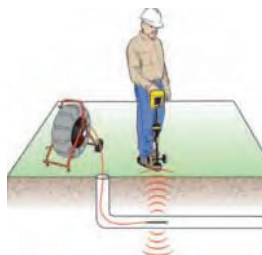
## Locating Equipment

**RIDGID® Receivers** – RIDGID locating receivers feature an easy-to-use visual mapping display that allows you to locate utility lines and sondes/beacons with confidence. Use with a SeeSnake camera equipped with a sonde transmitter to locate the camera head during an inspection or use with a line transmitter to find buried utilities. These locators can also find flushable float sondes and remote transmitters attached to a push rod or drain cable.

	UTILITY LOCATING			PLUMBING LOCATING	
	SeekTech® SR-60	SeekTech® SR-24	SeekTech® SR-20	NaviTrack® II	NaviTrack Scout®
					
	22163	44473	21893	96967	19238
PAGE NUMBER	12.33	12.32	12.31	12.36	12.37
Omni-Directional Mapping Display	Yes	Yes	Yes	Yes	Yes
User-Defined Frequencies	Yes - All Available	Yes up to 35 kHz	Yes up to 35 kHz	No	No
Number of Active Line Trace Frequencies	All up to 490 kHz	All up to 35 kHz	All up to 35 kHz	7	3
Sonde Frequencies	All up to 490 kHz	All up to 35 kHz	All up to 35 kHz	7	4
Passive Search	Omni-Seek (searches all passive bands at once)	Omni-Seek (searches all passive bands at once)	Omni-Seek (searches all passive bands at once)	50/60 Hz	50/60 Hz
Depth	Continuous	Continuous	Continuous	Continuous	Push Button
Weight w/batteries	5.1 lbs./2.3 kg	4 lbs./1.8 kg	4 lbs./1.8 kg	5.1 lbs./2.3 kg	3 lbs./1.4 kg
Bluetooth®/GPS	No	Yes	No	No	No

**RIDGID Transmitters** – Accurately trace buried utilities by applying a signal with a RIDGID Line Transmitter. All transmitters have multiple frequency options and are capable of applying a signal by direct connection and induction. Powerful 5W and 10W transmitters apply a strong signal making for easier locates.

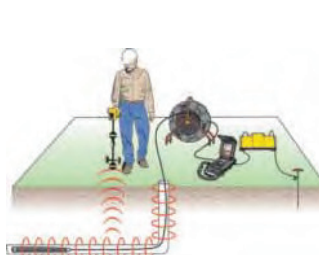
	UTILITY LOCATING			PLUMBING LOCATING	
	SeekTech ST-330+	SeekTech ST-510	SeekTech ST-305	NaviTrack	Brick
					
	49338	21903	21898	14818	20168
PAGE NUMBER	12.34	12.35	12.35	12.38	12.38
Max Power Output	10W	10W	5W	10W	5W
Digital Display	Yes	Yes	No	No	No
Line Trace Frequencies	All up to 490 kHz	Selections up to 490 kHz	4	6	4
Inductive Frequencies	8 kHz or 33 kHz	4	3	6	3
Simultaneous Transmit 2 Line Frequencies	No	No	Yes	No	Yes
Weight w/batteries	11.1 lbs./5.0 kg	8 lbs./3.4 kg	2.4 lbs./1.1 kg	9 lbs./4.1 kg	2 lbs./0.9 kg
Bluetooth®/GPS	Yes	No	No	No	No
Rechargeable Batteries	Yes	No	No	No	No



Find sondes/beacons.



Direct connect to utility lines.



Find plastic pipe with integral line trace.

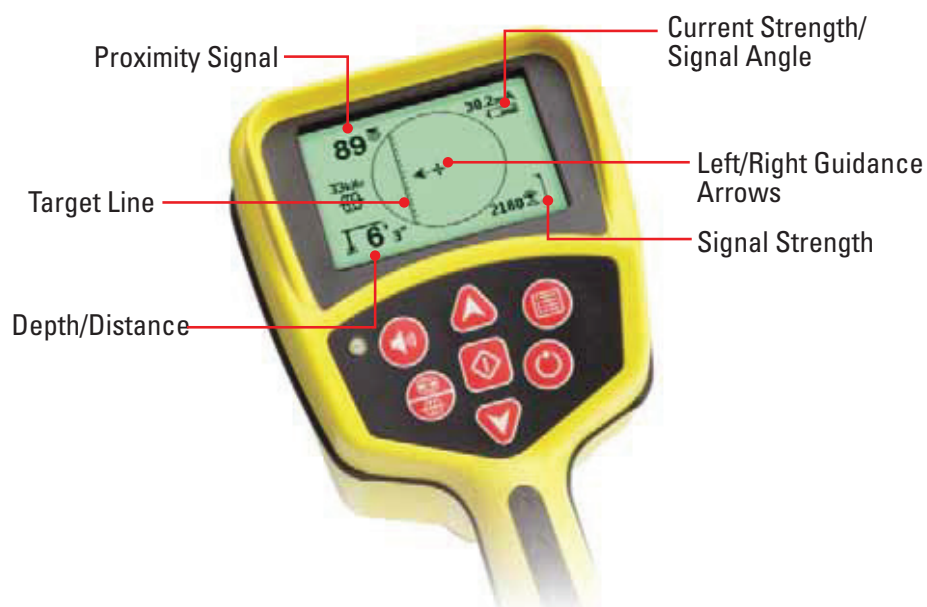


Induce a signal to locate utilities.

## DIAGNOSTICS, INSPECTION & LOCATING

# SeekTech® Utility Line Locators

The large displays on SeekTech receivers give you the information you need when you need to locate with speed, accuracy and confidence.



### Performance

The mapping display confirms a good locate signal and identifies distortion in congested areas using:

- Target-Line – Guides the operator down the line and shows changes in direction.
- Left-Right Guidance Arrows – Points the operator to the target utility.
- Proximity Signal and Signal Strength – Helps the operator center the locator closer to the target for more confident locates.

### Other Features

- Continual Depth – Increases productivity by showing depth changes in real-time.
- Omni-Seek® – Increases accuracy and efficiency when searching in passive mode. Continuously searches passive power and radio bands to locate and avoid unknown metallic lines.
- User-Defined Frequencies – RIDGID SeekTech receivers can be configured with up to 30 user-defined frequencies.
  - SeekTech SR-60 locator can be set to any frequency between 10 Hz and 490,000 Hz making it a universal receiver.
  - SeekTech SR-20 locator can be set to any frequency between 10 Hz and 35,000 Hz.

### Comparison of Features

	SR-20 Locator	SR-24 Locator	SR-60 Locator	Conventional
Omni-Directional Mapping Display	Yes	Yes	Yes	No
User-Defined Frequencies (Competitor Frequencies)	Yes up to 35 K	Yes up to 35 K	Yes – All Available	Limited or No
Omni-Seek® (Simultaneous Multiple Line Trace)	Yes – All Passive Bands at Once	Yes – All Passive Bands at Once	Yes – All Passive Bands at Once	No
Depth	Continual	Continual	Continual	Push Button or Triangulation
Current Measurement	Continual	Continual	Continual	Push Button & Average
Distortion Indication On One Screen	Yes	Yes	Yes	No
Simultrace™ (Simultaneous Sonde & Line Trace)	No	No	Yes	No
Stereo Guidance (Using Headphones)	No	No	Yes	No
Integrated Bluetooth and GPS	No	Yes	No	No

## Utility Locating



### SeekTech® SR-20 Locator

A lightweight yet rugged receiver that provides all the information needed for faster, more accurate locates.

- Target line and guidance arrows quickly identify distortion.
- Proximity signal and signal strength help work through difficult locates.
- Can trace any frequency from 10 Hz to 35,000 kHz.

### Specifications

- Active Line Trace Frequencies \* – 128 Hz, 1 kHz, 8 kHz and 33 kHz.
- Passive Power Trace – 50 Hz, 60 Hz, Passive Radio Trace – 4 kHz-15 kHz, 15 kHz-36 kHz.
- Sonde Frequencies \* – 16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz.
- Power Source – 4 C-Cell Batteries.
- Battery Life – Approximately 16 Hours.
- Weight – 3.5 lbs. (1,6 kg).

\* 30 user definable frequencies can be set from 10 Hz to 35,000 kHz.

Meets FCC Class A and EN 55022 Class A requirements.

Catalog No.	Description	Weight	
		lb.	kg
21893	SeekTech SR-20 Line Locator (Includes Case)	4.0	1.8
46918	KIT: SR-20 + ST305 + 4" CLAMP	8.5	3.8

### Standard Equipment

Catalog No. Model No.	21893 –
Navitrack Mark Chips, Pkg of 3	•
22173 - SR-20/SR-24 Case	•

### Accessories

Catalog No.	Description	Weight	
		lb.	kg
20973	SeekTech 4" (100 mm) Inductive Signal Clamp	2.00	0.90
21898	SeekTech ST-305 Transmitter	2.50	1.90

### Replacement Parts

Catalog No.	Description
22173	SR-20/SR-24 Case



## DIAGNOSTICS, INSPECTION & LOCATING

# Utility Locating

**NEW**



### RIDGIDTRAX

RIDGIDtrax enables basic underground utility mapping in real time. Connect an Android or iOS device wirelessly to a RIDGID SR-24 Utility Locator and RIDGIDtrax will display GPS position and depth of the target utility. A user can identify the type of utility (water, gas, electric, etc.) and display multiple utilities on the same map. A finished map can be saved and viewed inside the app or exported to a \*.KMZ file for use with popular GIS programs such as Google Earth®.



**RIDGIDtrax**



### SR-24 Line Locator with Bluetooth® and GPS

The SR-24 is a precision utility locating instrument with GPS and Bluetooth® technology for easy integration with external data capture devices.

The SR-24's omnidirectional antennas capture the complete signal field, making it easy to acquire the signal and trace its path. The receiver displays the utility's position and direction on the display, providing an intuitive locating experience. For added confidence, audio and visual warnings notify the operator if the shape of the signal field is being distorted so that appropriate action can be taken to avoid mismarking the utility's position.

- Large display – shows the utility's estimated position, direction, and depth.
- Omnidirectional antennas – capture the complete signal field for greater speed and accuracy.
- Built-In GPS – track location coordinates for mapping and GIS applications.
- Bluetooth® technology – stream data to smartphones, tablets, or high-precision GPS instruments.
- Smartphone/Tablet App – map multiple tracks and waypoints and export to GIS software.
- Can trace any frequency from 10 Hz to 35,000 Hz.

### Specifications

- Active Line Trace Frequencies\* – 128 Hz, 1 kHz, 8 kHz and 33 kHz.
- Passive Power Trace – 50 Hz, 60 Hz, Passive Radio Trace – 4 kHz-15 kHz, 15 kHz-36 kHz.
- Sonde Frequencies \* – 16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz.
- Power Source – 4 C-Cell Batteries.
- Battery Life – Approximately 16 Hours.
- Weight – 3.5 lbs. (1,6 kg).
- Wireless Technology – Bluetooth® Class 1.
- Wireless Range – 200 yards (183 meters).
- GPS Average Accuracy – Less than 2.5 m (8.2 ft).

\* 30 user definable frequencies can be set from 10 Hz to 35,000 Hz.

Meets FCC Class A and EN 55022 Class A requirements.

Catalog No.	Description	Weight	
		lb.	kg
44473	SR-24 Line Locator with Bluetooth® and GPS	4	1.80

### Accessories

Catalog No.	Description	Weight	
		lb.	kg
21898	SeekTech ST-305 Transmitter	2.5	1.9
20973	SeekTech 4" (100 mm) Inductive Signal Clamp	2.0	0.9

### Replacement Parts

Catalog No.	Description	Weight	
		lb.	kg
22173	SR-20/SR-24 Case	5	2.20

## Utility Locating



### SeekTech® SR-60 Locator

For the fastest, easiest, most versatile receiver available.

Choose the SR-60 locator for fast confident locates even under tough locate conditions (poor conductors, poor soil conditions, poor grounding, etc.).

#### Versatility

- Can trace any frequency from 10 Hz to 490 kHz.
- Can trace energized lines and sondes (beacons) simultaneously.
- Has all the ease of use and accuracy of the SR-20 but with ALL locatable frequencies.

#### Specifications

- Active Line Trace Frequencies \* – 128 Hz, 1 kHz, 8 kHz, 33 kHz, 51 kHz, 93 kHz, 200 kHz, 262 kHz\*\*.
- Passive Power Trace – 50 Hz, 60 Hz, Passive Radio Trace – 4 kHz-15 kHz, 15 kHz-36 kHz.
- Sonde Frequencies \* – 16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz.
- Power Source – 4 C-Cell Batteries.
- Battery Life – Approximately 16 Hours.
- Weight – 5.1 lbs. (2.3 kg).
- Meets FCC Class A and EN 55022 Class A requirements.

\*30 user definable frequencies can be set from 10 Hz to 490 kHz.

\*\* Up to 93 kHz for devices sold in Europe.

Catalog No.	Description	Weight	
		lb.	kg
22163	SeekTech SR-60 Line Locator (Includes Case)	5.1	2.3

#### Accessories

Catalog No.	Description	Weight	
		lb.	kg
20973	SeekTech 4" (100 mm) Inductive Signal Clamp	2.0	0.9
21898	SeekTech ST-305 Transmitter	2.5	1.9

#### Replacement Parts

Catalog No.	Description
29798	SR-60 Case

## DIAGNOSTICS, INSPECTION & LOCATING

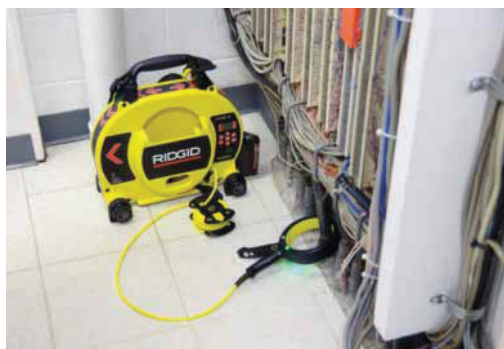
# SeekTech® Utility Transmitters

RIDGID® offers a range of transmitters for tracing underground metallic pipes and cables. All RIDGID transmitters generate a signal onto the buried cable in one of three ways:

- Direct connection using connection cords.
- Induction with the optional inductive signal clamp.
- Induction from the transmitter.

### Comparison of Features

	UTILITY LOCATING		
	SeekTech ST-33Q+	SeekTech ST-510	SeekTech ST-305
			
	49338	21903	21898
PAGE NUMBER	12.34	12.35	12.35
Max Power Output	10W	10W	5W
Digital Display	Yes	Yes	No
Line Trace Frequencies	All up to 490 kHz	Selections up to 490 kHz	4
Inductive Frequencies	8 kHz or 33 kHz	4	3
Simultaneous Transmit 2 Line Frequencies	No	No	Yes
Weight w/batteries	11.1 lbs./5.0 kg	8 lbs./3.4 kg	2.4 lbs./1.1 kg
Bluetooth®/GPS	Yes	No	No
Rechargeable Batteries	Yes	No	No



### ST-33Q+ Line Transmitter with Bluetooth®

The RIDGID ST-33Q+ Line Transmitter with Bluetooth® is the ideal transmitter for inducing current onto a target line. It will also direct connect using any frequency from 10Hz to 490kHz\* with power up to 10 Watts. The ST-33Q+ also allows the flexibility of using D-Cell alkaline batteries or 18V rechargeable RIDGID batteries for minimal interruptions on the job. The new Bluetooth® feature on the ST-33Q+ allows you to finish complex locates faster by wirelessly changing the transmitted frequency from the SR-24 receiver from up to 200 yards away.

- Distance – Induce over 8 times more current than traditional transmitters. More current means you can walk and trace further than ever before.
- Versatility – Power options include Lithium-Ion 18 V rechargeable battery, six D-cell alkaline batteries, or an external 10-28 VDC power source.
- Accuracy – Induce more current at lower frequencies. Lower frequencies are less prone to jump onto other lines in congested areas reducing distortion and increasing accuracy.
- Speed – When used with a SR-24 Bluetooth®-enabled locator, you can control the ST-33Q+ settings wirelessly from the SR-24 receiver. Change transmitted frequency remotely from up to 200 yards away.

### Frequencies

- Direct Connect (pre-programmed): – 128 Hz, 1 kHz, 8 kHz, 33 kHz, 93 kHz, 262 kHz\*.
- Direct Connect (user programmed) – Any Frequency from 10 Hz – 490 kHz\*.
- Induction – 8 kHz or 33 kHz.

\* Up to 93 kHz for devices sold in Europe.

### Other Specifications

- Max Power – 10 Watts.
- Bluetooth® Max Wireless Range – 200 yards (183 meters).

Batteries Sold Separately.

Catalog No.	Description	Weight	
		lb.	kg
49338	ST-33Q+ Line Transmitter with Bluetooth®	11.1	5.0
26168	SeekTech ST-33QR Transmitter	11.1	5.0

## Utility Locating



### SeekTech ST-510 Line Transmitter

The SeekTech® ST-510 Line Transmitter lets you energize metallic lines for tracing with a locator.

- Ten Watts of fully variable power output.
- LCD display provides instant visual feedback on line resistance and current flow.
- Two 25' (7,62 m) lead wires with heavy duty clips.
- Audio feedback confirms a good circuit before beginning a trace.

### Frequencies

- Direct Connect: – 128 Hz, 1 kHz, 8 kHz, 33 kHz and 93 kHz.
- Induction: – 1 kHz, 8 kHz, 33 kHz, 262 kHz\*.
- Competitor Frequencies: – available in both direct connect and induction.

\* Up to 93 kHz for devices sold in Europe.

Catalog No.	Description	Weight	
		lb.	kg
21903	SeekTech ST-510 Transmitter (10 watts)	8	3.4



### SeekTech ST-305 Line Transmitter

The 5 watt SeekTech ST-305 Line Transmitter lets you energize metallic lines for tracing.

- Lightweight and compact transmitter that delivers up to 5 Watts of power.
- Can transmit two frequencies simultaneously.
- Audio feedback confirms a good circuit before beginning a trace.

### Frequencies

- Direct Connect: – 1 kHz, 8 kHz, 33 kHz, 262 kHz\*.
- Induction: – 1 kHz, 8 kHz, 33 kHz, 262 kHz\*.

\* Up to 93 kHz for devices sold in Europe.

Catalog No.	Description	Weight	
		lb.	kg
21898	SeekTech ST-305 Transmitter	2.5	1.9



### SeekTech Inductive Signal Clamp

- Allows users to apply a signal to a cable or pipe when direct connection is not possible.
- Compatible with all RIDGID® transmitters.

Catalog No.	Description	Weight	
		lb.	kg
20973	SeekTech 4" (100 mm) Inductive Signal Clamp	2	0.9



## DIAGNOSTICS, INSPECTION & LOCATING

# NaviTrack® Locators



Kit shown without optional accessories

### NaviTrack II Locator

NaviTrack II locators provide unprecedented ease-of-use for locating underground pipes. NaviTrack II's advanced technology greatly reduces training time. You can learn to locate with NaviTrack II in minutes.

- Locates SeeSnake in-line transmitters, remote transmitters (sondes), and energized metallic lines.
- Transmitters can be approached from any direction for faster, more accurate locates.
- Locate can be easily verified using the large mapping display.
- Continuous depth measurement.

### Specifications

- Weight – 5 lb.
- Power Source – 4 C-Cell batteries.
- Battery Life – Approximately 16 hours.

### Standard Frequencies.

- Sonde – 16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz.
- Active Line Trace – 128 Hz, 1 kHz, 8 kHz, 33 kHz, 262 kHz.
- Passive AC Line Trace – 60 Hz, 50 Hz.

Catalog No.	Description	Weight	
		lb.	kg
96967	NaviTrack II Locator	5.1	2.3

### Standard Equipment

Catalog No. Model No.	96967 –
Navitrack Mark Chips, Pkg of 3	•
22388 - NaviTrack II Carrying Case	•

### Accessories

Catalog No.	Description	Weight	
		lb..	kg
14818	NaviTrack Line Transmitter	8	3.40
16728	Remote Transmitter, 512-AAA	0	0.18
19793	Float Sondes (2), Plus Extra Battery	0	0.18
20168	NaviTrack Brick Transmitter	2	0.90
20973	SeekTech 4" (100 mm) Inductive Signal Clamp	2	0.90

### Replacement Parts

Catalog No.	Description
12543	Marker Chips and Clip
22388	NaviTrack II Carrying Case

## DIAGNOSTICS, INSPECTION & LOCATING

# NaviTrack® Locators

### NaviTrack Scout® Locator

The NaviTrack Scout Locator is designed to solve the most demanding remote transmitter (sonde) locates using multi-directional locating technology.

#### Easier Locates

- The NaviTrack Scout multi-directional antenna technology sees the entire signal all of the time. Simply maximize the signal strength and you have found the target. No nulls or false peaks to complicate the locate.

#### Accuracy

- This locator verifies the locate position using a micro-mapping display to mark distinctive poles in front of and behind the target, insuring an accurate locate.

#### Automatic Depth

- Depth is automatically calculated and displayed when over the target.

#### Specifications

- Weight – 3 lbs (1,4 kg).
- Power Source – 4 C-Cell batteries.
- Battery Life – Approximately 24 hours.

#### Standard Frequencies.

- Sonde – 16 Hz, 512 Hz, 640 Hz, 874 kHz and 33 kHz.
- Line Trace – 128 Hz, 1 kHz, 8 kHz and 33 kHz.
- Passive AC Line Trace – 60 Hz, 50 Hz.
- Meets FCC Class B and EN 55022 Class B requirements.



Catalog No.	Description	Weight	
		lb.	kg
19238	NaviTrack Scout Locator	3.00	1.4

#### Standard Equipment

Catalog No. Model No.	19238 —
Navitrack Mark Chips, Pkg. of 3	•
20248 - Scout Carrying Case	•

#### Accessories

Catalog No.	Description	Weight	
		lb.	kg
14818	NaviTrack Line Transmitter	7.50	3.40
16728	Remote Transmitter, 512-AAA	0.40	0.18
19793	Float Sondes (2), Plus Extra Battery	0.40	0.18
20168	NaviTrack Brick Transmitter	2.00	0.90

#### Replacement Parts

Catalog No.	Description
12543	Marker Chips and Clip
20248	Scout Carrying Case

## DIAGNOSTICS, INSPECTION & LOCATING

# NaviTrack® Transmitters



### NaviTrack Line Transmitter - 10 Watt

- For tracing buried cable, TV lines, phone lines and other metallic lines which can carry an electromagnetic signal.
- Up to 10 watts of power output.
- Two 25' coiled connectors.
- Conductive ground rod.
- Inductive signal clamp (optional accessory).

### Specifications

- Frequencies – 128 Hz, 1 kHz, 8 kHz, 33 kHz – 10 Watt.  
200 kHz, 262 kHz – 1 Watt output power.
- Power Source – 8 D-Cell Batteries.

Catalog No.	Description	Weight	
		lb.	kg
14818	NaviTrack Line Transmitter	8	3.4

### Accessories

Catalog No.	Description	Weight	
		lb.	kg
20973	SeekTech 4" (100 mm) Inductive Signal Clamp	2	0.90



### NaviTrack Brick - 5 Watt

- For tracing buried cable, TV lines, phone lines and other metallic lines which can carry an electromagnetic signal.
- Fully variable 5 watts of power output.
- Lightweight, easy to carry.
- Conductive ground rod.
- Two 10' connectors.

### Specifications

- Frequencies – 1 kHz, 8 kHz, 33 kHz, 262 kHz.
- Power Source – Six C-Cell Batteries.

Catalog No.	Description	Weight	
		lb.	kg
20168	NaviTrack Brick Transmitter	2	0.9

### Accessories

Catalog No.	Description	Weight	
		lb.	kg
20973	SeekTech 4" (100 mm) Inductive Signal Clamp	2	0.90

## DIAGNOSTICS, INSPECTION & LOCATING

### NaviTrack® Transmitters



#### Remote Transmitter (512 Hz Sonde)

- Can be attached to a drain cleaning cable or a water jet hose to locate the Remote Transmitter in a line.
- Flashing LED indicates that sonde is transmitting.
- Meets FCC Class B and EN 55022 Class B requirements.

Catalog No.	Description	Weight	
		lb.	kg
16728	Remote Transmitter, 512-AAA	0.4	0.18

#### Accessories

Catalog No.	Description
19258	Adapter for 1¼" (32 mm) Sectional Cable
19263	Adapter for 5/8" & ¾" (16 mm & 20 mm) Drum Machine Cables
19268	Adapter for 7/8" (22 mm) Sec. & 1/2" (12 mm) Drum Machine Cables
19273	Adapter for 5/8" (16 mm) Sec. & 3/8" (10 mm) Drum Machine Cables



#### Floating Transmitter

Floating Transmitters are used for locating underground structures like septic tanks.

- Ideal for locating septic tanks.
- 512 Hz signal.
- Flashing LED indicates that sonde is transmitting.
- Flushable.
- Battery-powered.
- Meets FCC Class B and EN 55022 Class B requirements.

Catalog No.	Description	Weight	
		lb.	kg
19793	Float Sondes (2), Plus Extra Battery	0.4	0.18