

Hasty Search Kit

Compact technical search system

High-quality technical search system, ideal for primary search phase on rubble piles



DESIGNED FOR HASTY SEARCH OPERATIONS

Specifically configured for urban search and rescue (USAR) teams, enhanced rescue squads, regional task forces, and SUSAR teams seeking a high-quality and cost-effective technical search system for their standard equipment cache. Combines the Delsar Mini seismic life detector system with the rugged Recon III for visual search and location in a single, easy-to-store case for easy transport and rapid deployment.



DELSAR MINI MAIN COMPONENTS

LD3 DISPLAY INTERFACE

Sensor Input ports	2
Seismic Sensors	2
Acoustic Sensors	2
Visual Display	Up to two seismic sensors or two acoustic sensors simultaneously
Headset outputs	5-pin Nexus Jack
Audio Selection	0–2 sensors, audio response is summed, stereo output can be selected with any 2 sensors
Frequency Range	1 Hz–3000 Hz
Sound Filters	Low & High
Power source	2 x Li-Ion 18650 battery
Battery type	Rechargeable protected circuit and button top 18650 Li-Ion battery, 3.5 Ah 3.6–3.7 V
Battery dimension	ø 18–18,6 x 68,6–69.3 mm
Operating time	Up to 24 h Nominal at 20 °C
Charge temp.	0–40 °C
Display interface LD3 dimensions	8,2 x 16,9 x 8,9 cm
Display interface LD3 weight	710 g

SEISMIC SENSOR

Sensor accessories	Spike for soft ground and magnetic clamp for metal surfaces.
Position sensitivity	Can be used in any position
Freq. response	1 Hz to 3000 Hz
Seismic sensor dimensions	ø 7,6 x 6 cm
Seismic sensor weight	490 g

ACOUSTIC SENSOR

Sensor accessories	SC3000 standard and long tube (optional accessory)
Position sensitivity	Can be used in any position
Freq. response	200 Hz to 3000 Hz
Acoustic sensor dimensions	ø 4,7 x 15 cm
Seismic sensor weight	610g

HEADSET

Attachment / fastening	Headband (optional accessories include helmet attachments and a neckband)
Slim cups	Yes
Active hearing protection	Yes
Hear trough volume control	Yes
Victim communication	Trough boom microphone with and without active mode
Battery type	2 x AAA battery
Operating time	Up to 250 h
Headset connector	5-pin Nexus
Weight	390 g
Hearing protector attenuation	SNR 28 dB / NRR 23 dB / SLC 28 dB
EMC	MIL-STD-461G

RECON MAIN COMPONENTS

BASE UNIT

Camera type	Color/b&w
Camera sensor	1/3" 960H SONY EXview HAD CCD II
Lens	6 mm / F2.0
Min. illumination	0.1 lux
Viewing distance in total darkness	6 m
Field of view	280°
Articulation angle	240°
Camera tilt radius	10 cm
Safety clutch	Yes
Camera head diameter	ø 4,7
Pistol grip controls	No

Drive collar	Yes
Two-way audio	No
Power source	2 x Li-Ion 18650 battery
Battery type	Rechargeable protected circuit and button top 18650 Li-Ion battery, 3.5 Ah 3.6-3.7 V
Battery dimension	ø 18–18,6 x 68,6–69.3 mm
Operating time	Up to 2,5 h nominal at 20 °C
Charge temp.	0–40 °C
Recon III length	109–146 cm
Recon III effective length (Excluding control/power module)	82–117 cm

VIDEO DISPLAY

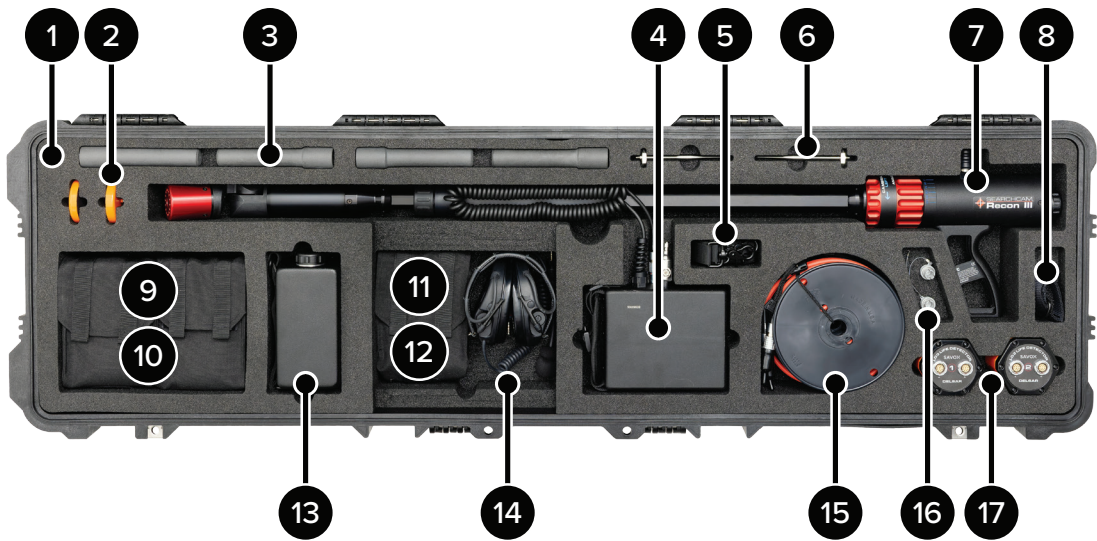
Enclosure Dimensions	15.5 x 14 x 5.3 cm
Screen size	5.7"
Display resolution	640 x 480
Display coiled cable extended length	3 m
ClearSearch display	Yes

HARD CASE



Weight	19,3 kg
Case dimensions	134.6 x 40.6 x 15.5 cm

KIT CONTENT



ITEM	DESCRIPTION	PART NUMBER	QTY.
1	Waterproof Storage Case with Foam **	6010-03-005	1
2	Magnetic Sensor Clamp	6020-05-002	2
3	18650 Battery Cartridge	M008946	4
4	ClearSearch™ Video Display	6010-00-007	1
5	Shoulder Sling	6010-06-003	1
6	Sensor Spike	6020-05-001	2
7	Recon III Camera	6010-00-006	1
8	Tube Strap	6010-06-004	1
9	18650 4-bay Charger with Wall Connector ***	U008997	2
10	Charger Manual (with Charger) ***	-	2
11	18650 Battery ***	U008998	8
12	18650 Battery Carry Case ***	U009017	4
13	LD3 Mini Display Interface	6020-03-002	1
14	USAR Headset	K5694-11218R	1
15	10 m Sensor Connecting Cable on Spool	6020-04-010	2
16	Seismic Sensor #1 Seismic Sensor #2	6020-02-001 6020-02-002	1 1
17	Sensor Connector Cap	0314-04-030	2
18	Savox SearchCam® Recon III Operation and maintenance manual *	7000-01-014	1
19	Savox LifeDetector® LD3 Mini Operation and maintenance manual *	7000-01-005	1

* Item not shown
** Only foam part is shown
*** Inside black molle pouch

COMPLIANCE

Recommended operational temp.	-10–43 °C
Absolute storage temp.	-23–60 °C
Camera head with extended tube (117 cm) sealing	Compliance with IP68
Control/Power module sealing	Compliance with IP54
Display unit sealing	Compliance with IP54
Delsar Mini Display interface sealing	Compliance with IP54
Seismic sensor sealing with sensor cable	Compliance with IP67
Acoustic sensor sealing with sensor cable	Compliance with IP67