

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 MAIN COMPONENTS

LD3 DISPLAY INTERFACE

Sensor Input ports	2
Seismic Sensors	6
Acoustic Sensors	2
Visual Display	Up to all six seismic sensors or two acoustic sensors simultaneously
Headset outputs	2 x 5-pin Nexus Jack
Audio Selection	0-6 sensors, audio response is summed, stereo output can be selected with any 2 sensors
Frequency Range	1 Hz - 3000 Hz
Sound Filters	Low & High
Record Capacity	300 second loop, indexed to 15 second blocks
Power source	2 x Li-Ion 18650 battery
Battery type	Rechargeable protected circuit and button top 18650 Li-Ion battery, 3.5Ah 3.6-3.7 V
Battery dimension	ø 18-18,6 x 68,6-69.3 mm
Operating time	Up to 13 h Nominal at 20°C
Charge temp.	0-40°C
Display interface LD3 dimensions	17 x 13 x 8,3 cm
Display interface LD3 weight	950 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	610 g

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

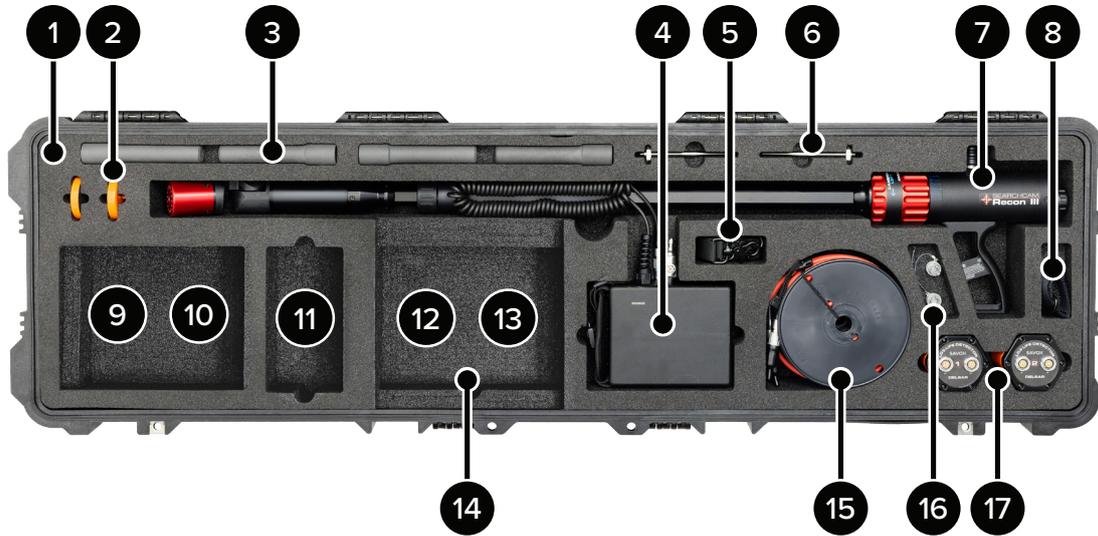
Enclosure Dimensions	15.5 x 14 x 5.3 cm
Screen size	5.7"
Display resolution	640 x 480
Display coiled cable extended length	3 m
ClearSearch display	Yes

HARD CASE



Weight	19,5 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	LD3 Soft Carry Case *	6020-05-003	1
	Shoulder Sling *	6010-06-003	1
10	LD3 Display Interface *	6020-03-001	1
11	18650 Battery *	U008998	8
	18650 Battery Carry Case *	U009017	4
	Cable Cap 6 pcs. *	6020-05-005	1
12	USAR Headset *	K5694-11218R	1
13	18650 4-bay Charger with Wall Connector * / ***	U008997	1
	Accessory Pouch	M010848-1	1
14	Charger Manual (with Charger) *	-	1
	Recon III Operation and maintenance manual *	7000-01-014	1
	Delsar Operation and maintenance manual *	7000-01-004	1
15	10 m Sensor Connecting Cable on Spool	6020-04-010	2
16	Sensor Connector Cap	0314-04-030	2
17	Seismic Sensor #1	6020-02-001	1
	Seismic Sensor #2	6020-02-002	1

* Item not shown

** Only foam part is shown

*** Inside Accessory 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 Display interface sealing	Compliance with IP54
Seismic sensor sealing with sensor cable	Compliance with IP67
Acoustic sensor sealing with sensor cable	Compliance with IP67