

SearchCam 3000

Technical search camera for urban search and rescue

Ensures effective location pinpointing and the safe extraction of victims



TECHNICAL SEARCH CAMERA WITH ADVANCED FEATURES

The SearchCam 3000 is a versatile rescue tool equipped with an articulating, waterproof camera head and high-output LED illumination to aid in pinpointing victims' locations and assessing situations for prompt and safe extraction. Its high-visibility ClearSearch screen guide rescue teams to victims, while the two-way audio connection enables direct communication. Rescuers can also record audio and video, as well as capture still photos during the search.

MAIN COMPONENTS

CAMERA HEAD

Camera type	Color (6010-02-000) Infrared (6010-02-002)
Camera sensor	1/3" 960H SONY EXview HAD CCD II
Lens	6mm / F2.0
Min. illumination	0.1 lux
Viewing distance in total darkness	6m
Field of view	280°
Articulation angle	240°
Camera tilt radius	11 cm
Safety clutch	Yes
Two-way audio	Yes
Camera head dimension	ø 4,7 x 37cm



POWER MODULE

Pistol grip controls	Yes
Power source	4 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 3 h nominal at 20°C
Charge temp.	0-40°C



VIDEO DISPLAY UNIT

Screen size	5.7"
Display resolution	640 x 480
ClearSearch display	Yes
Memory card type	SDHC card
File type	Still picture or video. File type BMP and MPEG-4 ext AVI (720 x 480 Frame Size @29.97 FPS)
Headset port	5-pin Nexus Jack
Enclosure dimensions	21.4 x 13 x 6.1 cm
VDU coiled cable extended length	2 m

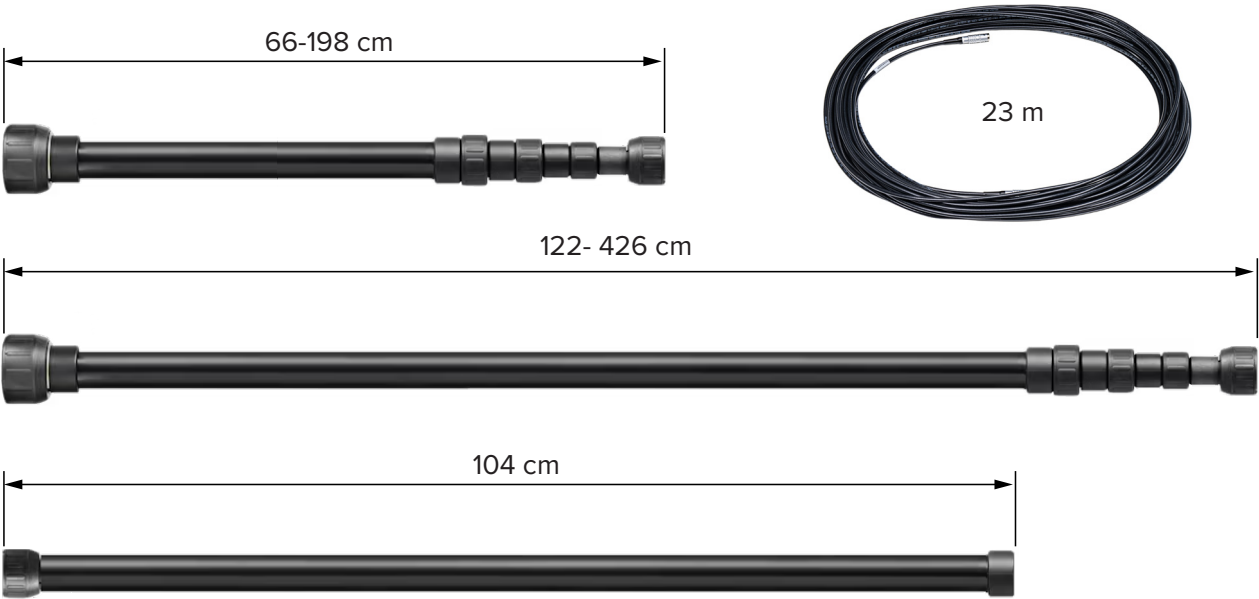


HEADSET

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



TUBES & EXTENSION CABLE



Standard tube set length	66-198 cm
Long tube set length	122- 426 cm
Extension tube lenght	104 cm
Extension cable	23 m

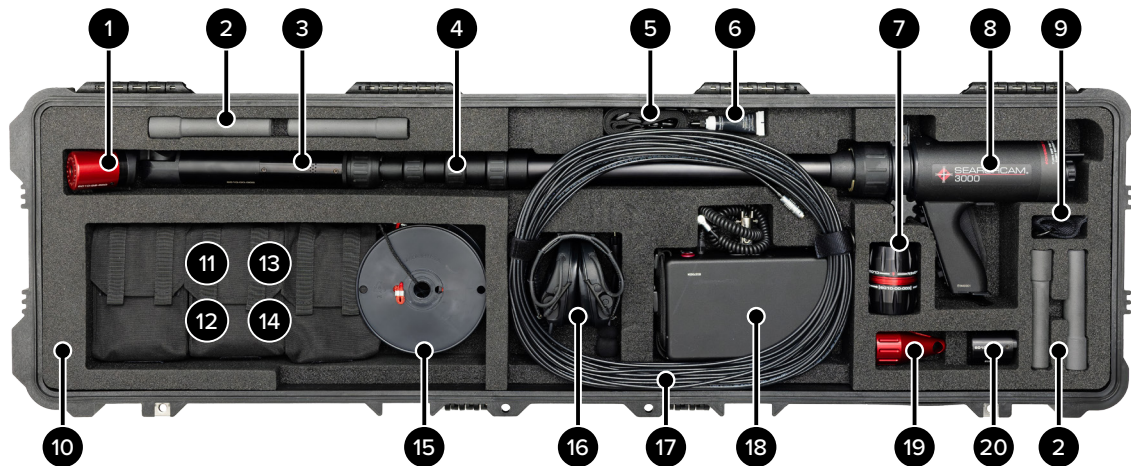
HARD CASE



Weight (Kit 1)	18,6 kg
Case dimensions	134,6 x 40,6 x 15,5 cm

KIT CONTENT

SC3000 KIT 2



ITEM	DESCRIPTION	PART NUMBER	QTY.
1	Color camera (Kit 1 Color)	6010-02-000	1
2	18650 Battery Cartridge	M008946	4
3	Gearbox/audio module	6010-00-002	1
4	Standard tube set	6010-01-000	1
5	Shoulder sling	6010-06-003	1
6	Tube of grease	6010-03-003	1
7	Environmental sleeve for audio module	6010-00-003	1
8	Power module	6010-00-001	1
9	Tube strap	6010-06-004	1
10	Waterproof storage case with foam**	6010-03-002	1
11	18650 Battery ***	U008998	8
12	18650 Battery carry case ***	U009017	4
13	18650 4-bay Charger with wall connector ***	U008997	2
14	Charger Manual (with Charger) ***	-	1
15	21 m rope with carabineer	6010-04-005	1

ITEM	DESCRIPTION	PART NUMBER	QTY.
16	USAR headset	K5694-11218R	1
17	23 m camera extension cable	6010-04-000	1
18	ClearSearch™ video display unit (VDU)	6010-00-008	1
19	Camera head rope coupler	6010-04-001	1
20	Infrared camera (kit 2)	6010-02-002	1
21	Long tube set (kit 2) ****	6010-01-001	1
22	Extension tube (kit 2) ****	6010-01-002	1
23	Standard Coiled Coax Cable (Inside Tube Set) *	6010-04-002	1
24	Long coiled coax cable (kit 2) *	6010-04-003	1
25	16GB SDHC card *	0316-44-004	1
26	Operation manual *	6010-90-000	1
27	USAR headset/NC-200 Manual *	D25390	1

* Item not shown

** Only foam part is shown

*** Inside black molle pouch

**** Do not fit inside case

COMPLIANCE

Recommended operational temp.	-10–43 °C
Absolute storage temp.	-23–60 °C
Camera head sealing	Compliance with IP54
Camera head With Enviromental Sleeve sealing	Compliance with IP68
Power module sealing	Compliance with IP54
VDU sealing	Compliance with IP54