



GNOM Super PRO

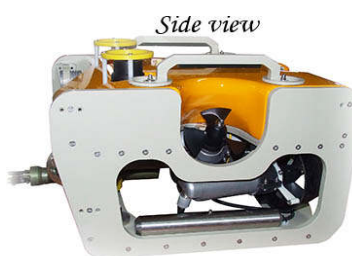
GNOM ROV - World technology leader in a compact class ROV



Most powerfull of GNOM ROVs for profesional uses.
The wide range of the additional equipment can be installed.



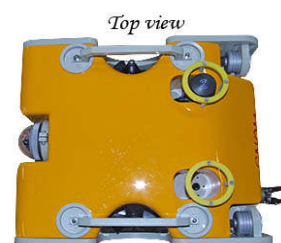
Front view



Side view



Back view



Top view

Main features

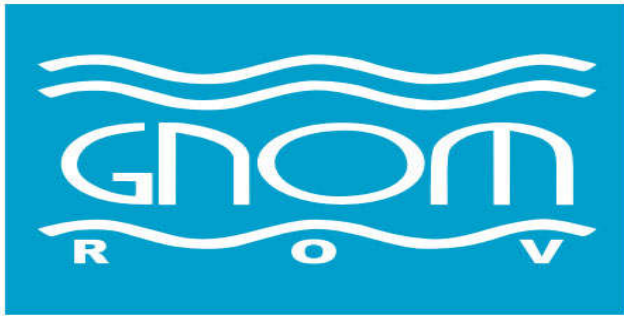
- Max. work depth – 300m
- Max. tether lenght – 400
- Power supply – 2000Watts
- Dimension size (LxWxH) – 440x650x360 mm
- Weight on air (basic set) ROV / Total – 25,0kg / 90kg
- Diam. tether – 11,0mm
- Videocamera – Sony Super HAD 2 CCD 700 TV lines



[HTTPS://ROV-1.EU](https://rov-1.eu)
[HTTPS://ROV-COMMANDER.EU](https://rov-commander.eu)
[HTTPS://ROV-COMMANDER.COM](https://rov-commander.com)
E-mail: odbyt@vftech.sk

Prices quoted exworks Slovakia (not included taxes, transport and other expenses).

Warranty on the complete set of the equipment - 1 years, except for a tether and propellers
Term of manufacturing 2-6 weeks. Prices quoted exworks Slovakia.



GNOM ROV - World technology leader in a compact class ROV



Technical specification

UNDERWATER PART

Maximum work depth	150m (300m option - dock station)
Dimension size (LxWxH)	440x650x360mm
Weight on air (basic set) ROV / Total Thrusters	25,0kg /90,0kg 4 motors Horizontal: 2x motors, 48V 200Wats Vertical: 2x motors, 48V 200Wats
Cruising speed (forward)	upto 4 knots
Thrust horizontal / Thrust vertical	8 kgf / 2,5 kgf

Videocamera

Model	2x Sony Super HAD 2 CCD 700 TV lines
Matrix	1/3" Interline Transfer CCD
Sensitivity	0,1 lux (0,01 -b/w mode)
Lens	3,6 mm/F2.0
Iris control / focus	auto / auto
View angle	66°
Tilt servo	+/- 50°

TELEMETRY SYSTEM

Sensor	compass and depth sensors
Teletext	Yes
Mode	auto-heading mode, auto-depth mode
Compass accuracy	0,5°
Depth sensor accuracy	1% F.S.

Lights

Type	Ultra bright LEDs
Number of LEDs	10x
Power	4x8 wats, 6x1 wats
Luminous flux	4500 lumens
Angle	105°
Temperature	5600-6000° Calvin
Control	Variable

SURFACE STATION

Power supply	100-240 VAC 2000 W, 50-60 Hz
Power output	350 VDC
Display additional	option
OSD	Yes

Control panel - Joystick	Yes
--------------------------	-----

TETHER

Max. lenght	400 m
Diam.	11,0 mm
Breaking force	200 kg
Weight on air	7 kg/100 m
Weight in water	neutral buoyancy
Type	Multicore tether with kevlar wires



Basic

GNOM Super PRO, work depth 150m
4 thruster (2 Vertical, 2 Horizontal)
2x color video camera (front an rear) with tilt servo $\pm 50^\circ$
Depth sensor, Compass
1x Lights (front) with tilt servo
4x Lights (front)
2x Lights (rear)
Tether 200m, hand reel with sliding ring
Protection frame
Control box , Joystick, LCD monitor 15"
3 waterproof cases for complete se GNOM Super PRO
Integration complete set for waterproof case
Connection cables, Manual

Options

Imaging sonar BlueView
Sector sonar Tritech Micron
USBL positioning system Tritech Micronav
Grabber 1 or 2 funcional
Laser pointers
PC compatible single board computer
Depth raiting up to 300m (required dock station)
Tether up to 400 m
Virtual monitor (Video Glasses)
DVR
Real-time video image enhancement system
CP probe
Thickness gauge
Additional PC monitor

Prices quoted exworks Slovakia (not included taxes, transport and other expenses).

Warranty on the complete set of the equipment - 1 years, except for a tether and propellers
Term of manufacturing 2-6 weeks. Prices quoted exworks Slovakia.