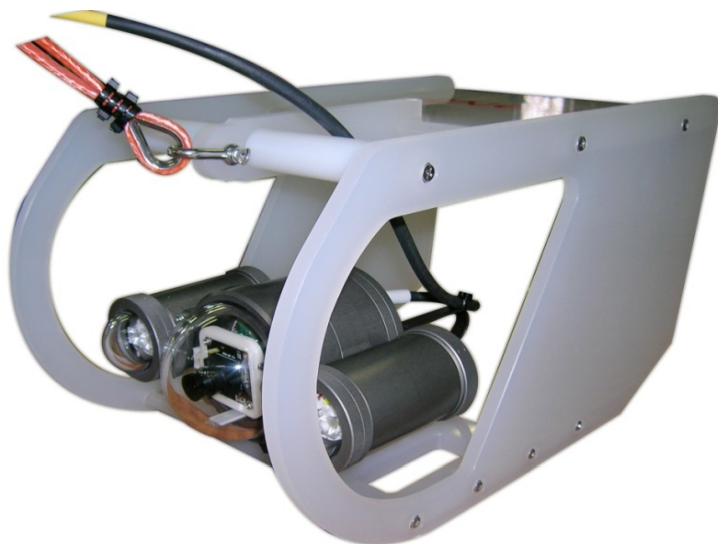




GNOM TOW Camera

GNOM ROV - World technology leader in a compact class ROV



It is the smallest and cheapest ROV all over the World. A micro sized vehicle has all the necessary capabilities for remotely underwater survey.

Front view



Side view



Back view



GNOM



Main features

Max. work depth – 200m

Max. tether length – 300m

Power supply – 100Watts

Dimension size (LxWxH) – 350x200x200 mm

Weight on air (basic set) ROV / Total – 3,5kg / 15kg

Diam. tether – 6mm

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.



Technical Specification

UNDERWATER PART

Maximum work depth	200m
Dimension size (LxWxH)	350x200x200mm
Weight on air (basic set) ROV / Total	3,5kg /15,0kg

Videocamera

Model	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
Compass accuracy	0,5°
Depth sensor accuracy	1% F.S.

Lights

Type	Ultra bright LEDs
Number of LEDs	6x
Power	6x1 wats
Luminous flux	480 lumens
Angle	105°
Temperature	4700-5300° Calvin
Control	Variable

SURFACE STATION

Power supply	100-240 VAC 100 W, 50-60 Hz
Power output	48 VDC
Display additional	option
OSD	Yes

Control panel - Joystick	Yes
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TETHER

Max. lenght	300 m
Diam.	6 mm
Breaking force	80 kg
Weight on air	3 kg/100 m
Weight in water	neutral buoyancy
Type	Ultra thin coax. tether with kevlar wires

Max. work force	30 kg
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Basic (T-3-050-1-01)

ROV GNOM Tow
color video camera with tilt servo $\pm 50^\circ$
Protection frame
Depth sensor, Compass
Lights (2 cluster LEDs)
Tether 50m
Control box , Joystick
Connection cables, Manual

Recommended configuration (T-3-050-1-02)

ROV GNOM Tow
color video camera with tilt servo $\pm 50^\circ$
Protection frame
Depth sensor, Compass
Lights (2 cluster LEDs)
Tether 100m, Hand reel with sliding ring
Control box , Joystick , LCD monitor 15"
2 waterproof cases for complete set GNOM Tow
Connection cables, Manual

Options

Laser pointers
PC compatible
GPS location
Waterproof cases
Integration complete set in waterproof cases
Hand reel with sliding ring
Tether up to max. 300m
LCD monitor 15"
Virtual monitor (Video Glasses)
DVR
Real-time video image enhancement system
Invertor 12V-230V, 350 W



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Term of manufacturing 2-6 weeks. Prices quoted exworks Slovakia.