



## DROP Camera

*GNOM ROV - World technology leader in a compact class ROV*

Control module for Dcam without depth sensor



Control module for Dcam with depth sensor



Underwater drop camera system is a high-resolution, color or B/W waterproof camera, with standard or a wide view angle. It can be used for underwater pipeline inspection, search and rescue, sport fishing, treasure hunting or marine biology research.. The drop camera can be inslled on the divers helmet.



## Main features

Max. work depth – 400m

Max. tether lenght – 400m

Power supply – 10Watts

Dimension size (LxD) – 125x82 mm (45 Leds)

Dimension size (LxD) – 165x82 mm (45 Leds+Depth sensor)

Weight on air (basic set) ROV / Total – 0,4kg / 3kg

Diam. tether – 6,0mm

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)  
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**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.



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### Technical specification

#### UNDERWATER PART

Maximum work depth	400m
Dimension size (LxD)	125x80mm - 45 Leds
Dimension size (LxD)	165x80mm - 45 Leds + Depth sensor
Weight on air (basic set) ROV / Total	0,4kg /3,0kg

#### 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°

#### TELEMETRY SYSTEM

Sensor	depth sensors ( option )
Teletext	Yes
Depth sensor accuracy	1% F.S.

#### Lights

Type	Ultra bright LEDs
Number of LEDs	21 - 45 Leds
Luminous flux	100 lumens
Angle	105°
Temperature	5600-6000° Calvin
Control	Variable

#### SURFACE STATION

Power supply	100-240 VAC 10 W, 50-60 Hz or battery 12V
Power output	24 VDC
Display additional OSD	option Yes
Control panel - Joystick	Yes

#### TETHER

Max. lenght	400 m
Diam.	6,0 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	3 kg
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#### Basic (D-45-01)

1 color camera in a sturdy casing  
integrated cluster LEDs (adjust light)  
Tether 6,0 mm 50 m long  
Surface control box  
Manual

#### Recommended configuration (DD-45-01)

1 color camera in a sturdy casing  
integrated cluster LEDs (adjust light)  
Depth sensor, Compass  
Tether 6,0 mm 50 m long, Hand reel with sliding ring  
Surface control box  
LCD monitor 15" Integration complete for waterproof case  
1 waterproof cases for complete set DROP Camera  
Manual

#### Options

Waterproof cases  
Integration complete set in waterproof cases  
Hand reel with sliding ring  
Tether up to max. 400m  
LCD monitor 15"  
DVR  
Invertor 12V-230V, 350W



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