



Digital Front Attachment
D400 DNS

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D400 DNS device



Carrying pouch



Diode illuminator 940nm



Optic cleaning cloth



Manual



Micro USB cable (optional)



Scope of delivery:

D400 DNS device, pouch, diode illuminator 940nm, cleaning cloth fo optic, user manual

Digital Front Attachment D400 DNS

MODEL	D400 DNS
Sensor, array format	1.3" 752 x 576
Microdisplay, type, resolution	OLED 1024 x 768
Focal length, mm	50
Magnification, X	1,6
Night angle of view, degree	5,4° x 4,12°
Day angle of view, degree	4° x 4°
Recommended day optic magnification	2x- 6x
Detection range (object of 0.5x1.8m), m	min 450
Spectral response, nm	400 - 1000
Wake-up time, sec	5
Batteries, type	2 x CR123A Lithium
Accumulator, type	2 x LC16340
Outer power source, type	5V - micro USB
Operating time (at +20°C), hour	4
Operating temperature, °C	- 20 ... +50
Impact load, G	600
Degree of protection by IEC 60529	IP66
Dimensions, mm	156 x 86 x 67
Weight, kg	0,57



✓ High-quality imaging

The device has a highly sensitive 1.3 inch 752 x 576 CCD sensor and a high contrast OLED microdisplay with 1024 x 768 resolution. This combination provides high quality imaging for precise detection and recognition of distant objects at temperatures from -20 to +50 °C. The integrated contrast enhancement mode ensures a very good picture even in very low light.



"Black/white" mode



Imaging in two colour palettes: black/white and green.

"Green" mode





Large exit pupil

The 30mm exit pupil ensures larger eyepiece and better viewing comfort for more quickness and accuracy.



Aluminum housing

Very robust and light aluminum housing efficiently conducts the heat out of the device and ensures effective cooling and flawless operation.



External microUSB

External power sources such as powerbanks can be connected via micro USB slot. If ordered, the device is supplied with a USB cable and a locking cap.





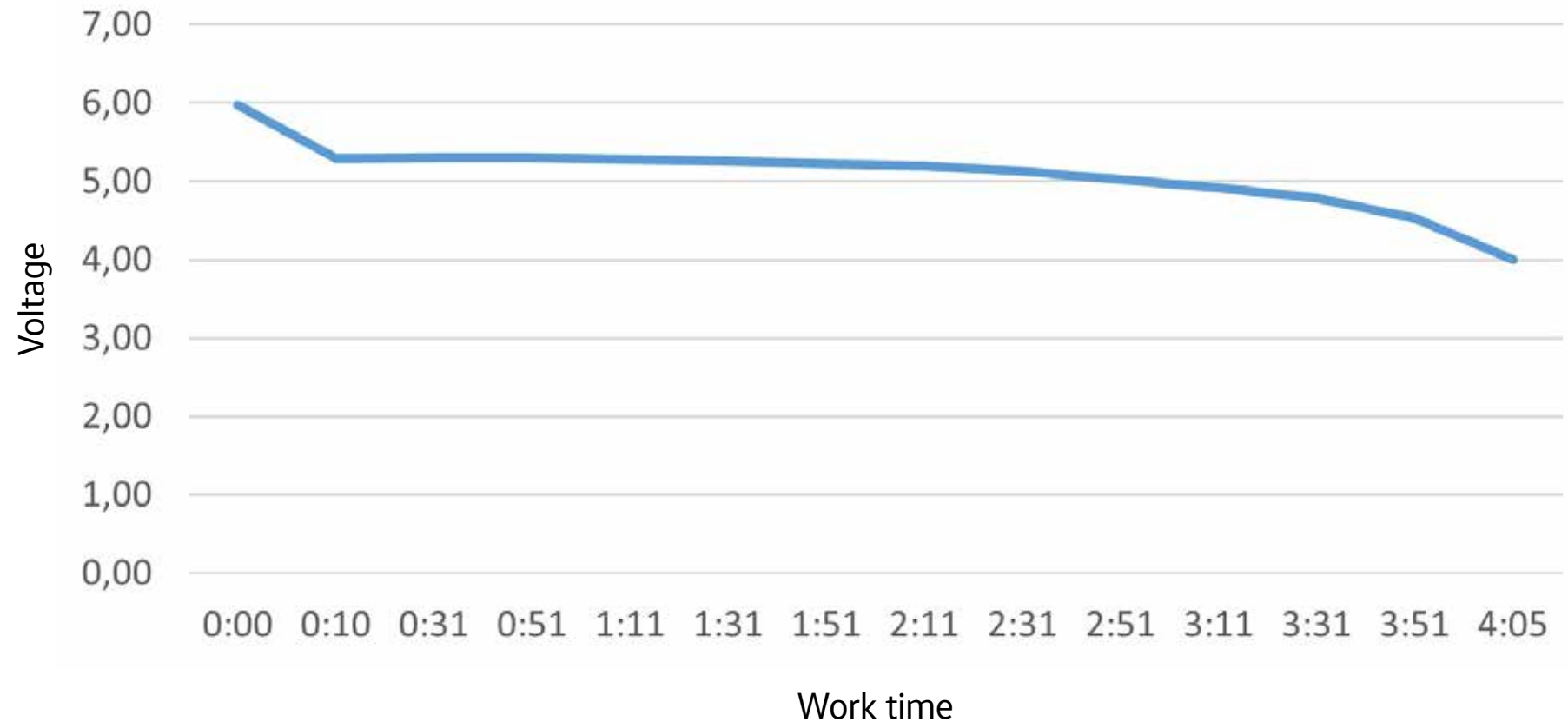
Power efficiency

Low power consumption of the video sensor increases the device's operating time to over 4 hours when using original batteries from well-known brands. A power bank with 5000 mAh can even triple this time.



Rain & Splashwaterproof

DIPOL D400 DNS is protected against splash water and heavy rain.



✓ Simple & intuitive control

Like all DIPOL devices, the D400 DNS have a simple and intuitive control - a very successful concept in diverse hunting situations.

A practical menu is mastered with just one controller, which is also used for quick image and thermal sensor performance adjustments. The MENU controller is easy to operate even when wearing gloves.

✓ Simple adjustment concept

Very simple adjustment concept enables repeatable accurate mounting and precise sighting without additional material costs.



D400 DNS

Perfect ergonomics for effortless and precise operation in the darkness.



Diversity

The D400 DNS can be used as a separate observational device by attaching an (optional) eyepiece to it.

With a high-quality clamp adaptors made by well-known manufacturers, the D400 DNS can be mounted onto objectives of the most sports optics.

Please note, that despite the high accuracy, removing and re-attaching of the device sometimes could lead to minor deviations of the point of impact of approx. 1 MOA on 100m.





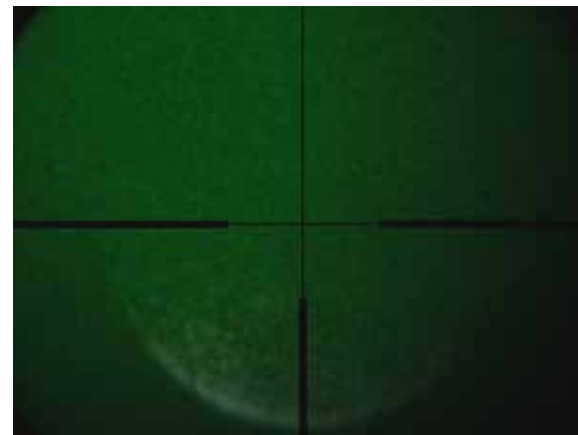
Diode IR illuminator

By using of the original diode IR illuminator (included in the delivery package) the detection and recognition distance can be significantly increased.

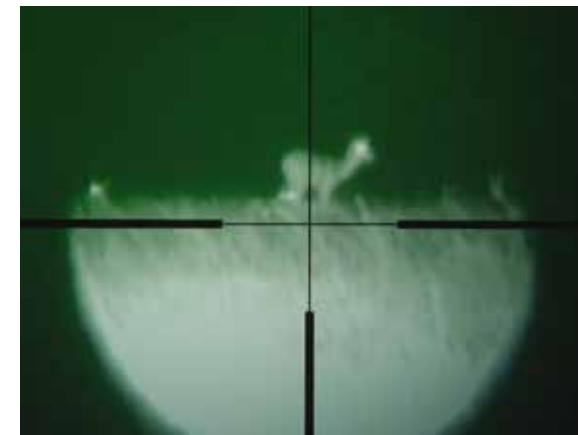
The beam brightness and size of the lighting spot (no bigger than 4 m on 100 m) can be smoothly adjusted.

The "invisible" illumination due to the wavelength of 940 nm.

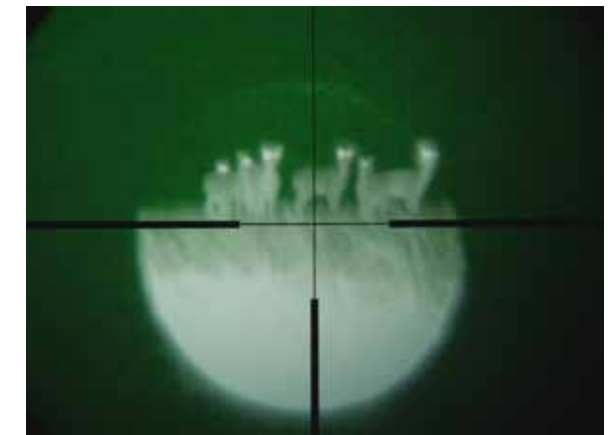
Without IR illum.



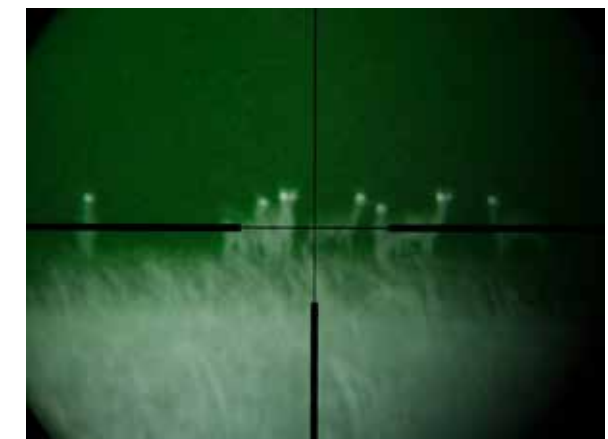
With IR illum.



Narrow beam



Wide beam



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 <https://youtu.be/fc0a008KvRg>


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