

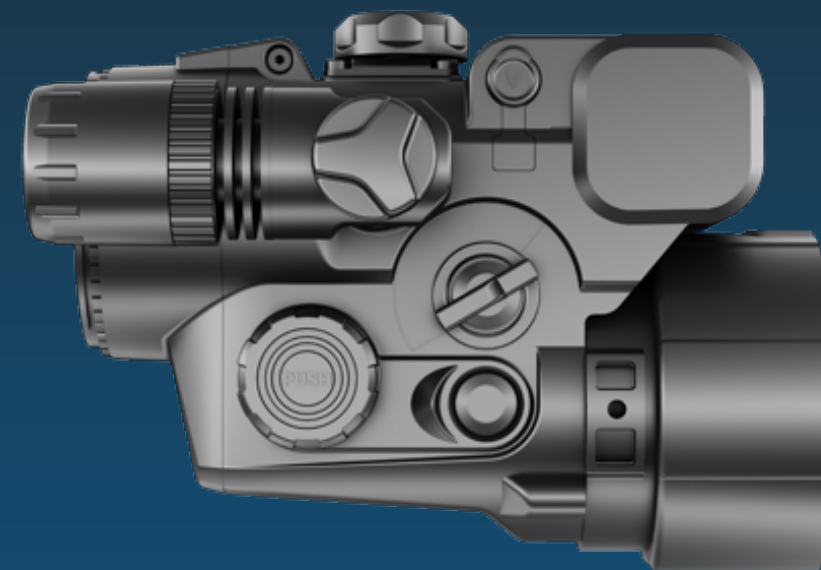
FORWARD

DFA 75 DIGITAL FRONT ATTACHMENT



FORWARD | MAIN FEATURES

- Easy transformation of optic device/riflescope into a night vision device
- Maintaining POI stability after installation in front of the riflescope
- Possibility of installation on the majority of riflescopes with lens diameters 42,50,56 mm.
- Large caliber shockproof
- Invisible laser IR illuminator included in the package
- Large detection distance
- Quick mounting
- Wide range of operating temperatures (-25...+50°C)
- Wireless remote control
- Battery and external power supply
- Lightweight



FORWARD | ADVANTAGES

Night time shooting with DFA coupled with day optic riflescope has a number of positive moments. Such operational characteristics of day optics as significantly larger (in comparison to classic night vision riflescopes) eye relief, ordinary reticle, variable magnification are preserved.

As a digital device (CCD sensor is used as a detector), Forward attachment has the following advantages if compared to analog devices:

- Effective with invisible IR illuminators
- Presence of video out: simultaneous observation and shooting with parallel video capturing
- Resistance to light of any intensity: attachment will not fail if it is flashed with lantern, headlight, or sun and can be used during the day.

The majority of night vision scopes have fixed magnification not exceeding 6x. Attachment coupled with day riflescope creates a tool for night shooting, which provides variability of magnifications and larger available value of magnification.

Attachment can become a better alternative to a night vision scope in the case when mounts for mounting optics do not ensure quick mounting and/or recurrent installation of optics to a correct position. Use of the attachment does not require from a hunter a change in weapon holding position or in style of shooting. Small weight (only 650g with batteries) and size simplify controls and do not influence the balance of the rifle significantly.

Attachment allows to turn the majority of day scopes with lens diameters from 42 mm to 56 mm into a night vision riflescope, ensuring constant position of POI. Quick-release bayonet mount allows remove it from the scope in seconds.



FORWARD | FEATURES

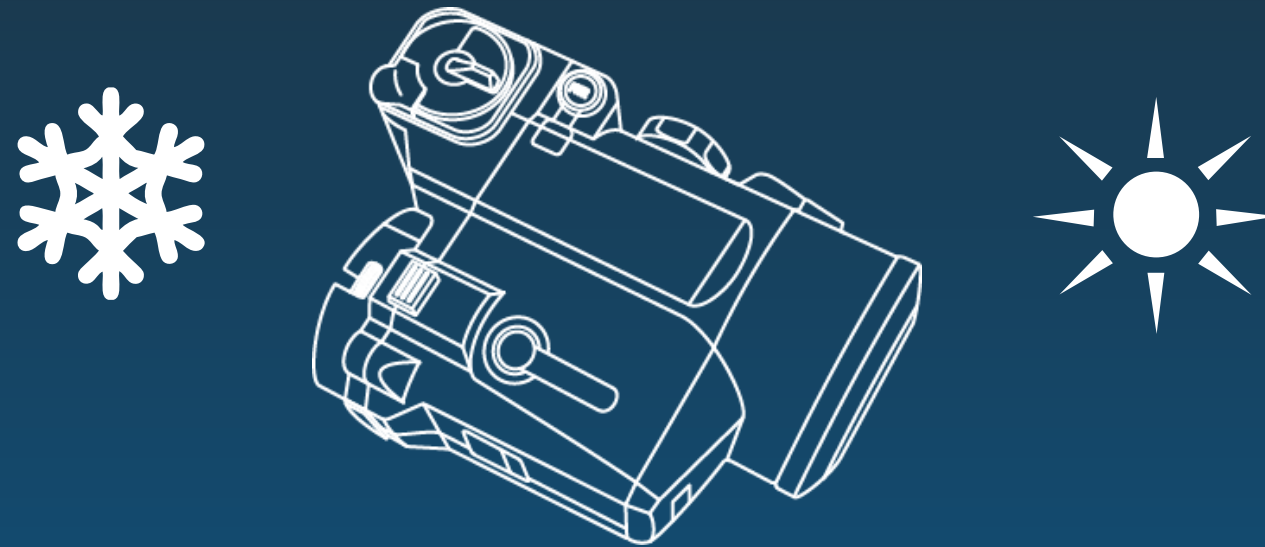
MOUNTING

To install the Forward DFA75 onto the front optical bell of a day telescopic sight, specially designed mounting assemblies (bought separately) are used. The assemblies are the adapters with various diameters with a set of reducing rings (the rings can be used as necessary depending on the diameter of the optical bell). The adapter is permanently attached to the optical bell of a telescopic sight. This allows the Forward DFA attachment to be quickly installed in front of the lens for nighttime shooting. When the attachment is not used, the adapter accommodates a protective cap that covers the lens of an optical sight in the daytime.



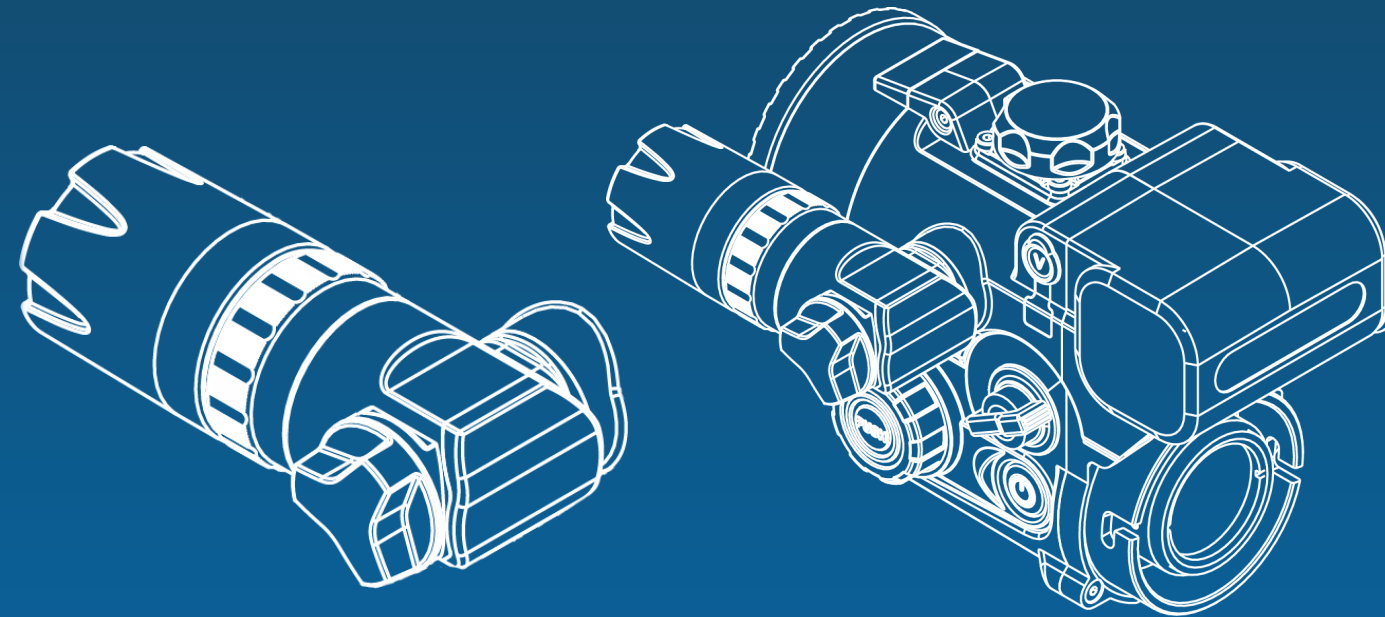
WIDE OPERATING TEMPERATURE RANGE

Ability to operate in normal mode at sub-zero temperatures is due to the use of a frost-resistant OLED display featuring fast response and provides crisp image when observing dynamic object.



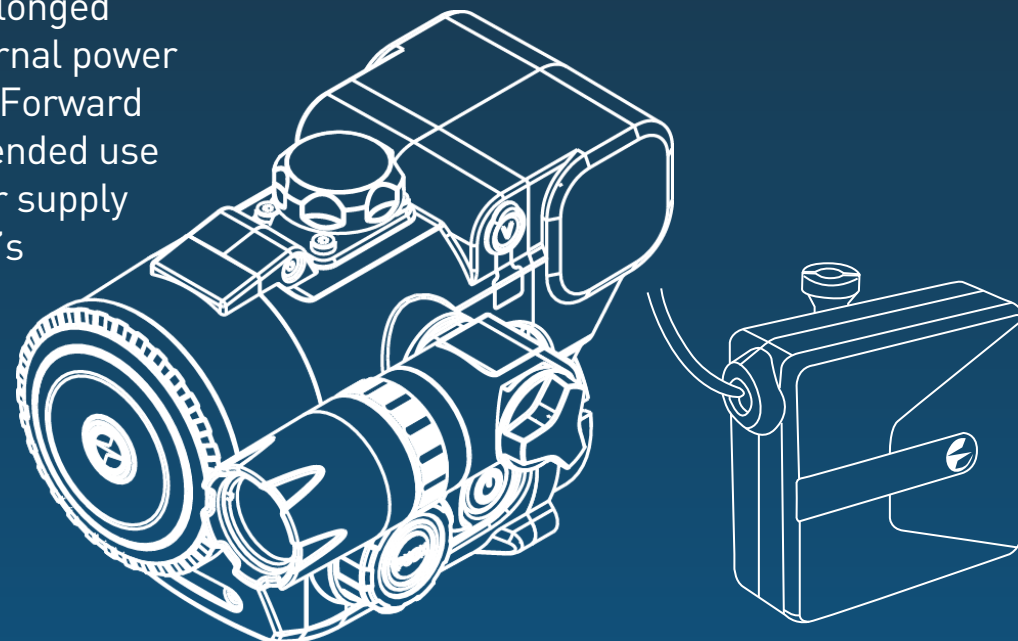
BUILT-IN IR ILLUMINATOR

Night vision attachments Forward DFA75 are supplied with a removable laser IR Illuminator operating in the “invisible” range (915nm). The 915nm laser IR Illuminator complies with Class 1 laser safety, features focusable IR beam from spot to flood, three-step power adjustment.



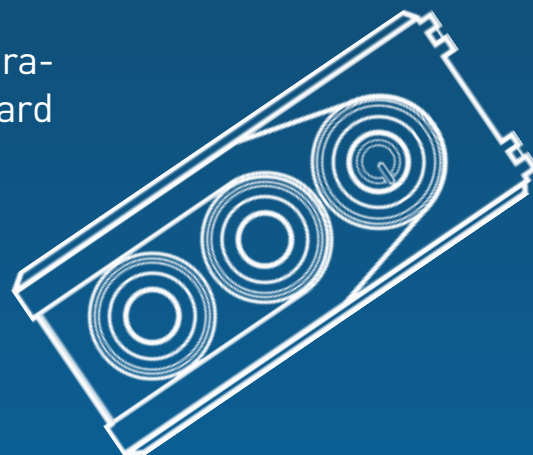
EXTERNAL POWER SUPPLY

Operating time can be significantly prolonged thanks to the use of high-capacity external power supply units attached to the Digisight / Forward via an External Power jack. During extended use in freezing weather, the external power supply units can be stored under the operator's clothes via an included extension lead.



WIRELESS REMOTE CONTROL

The wireless remote control allows basic operations to be fulfilled without resorting to standard controls.



USER INTERFACE

Current information about the status of the device, depicted in the form of blue icons and numbers, is located on the data panel in the lower portion of the screen, and does not interfere with the image observed. When switching between various functions, the respective large sized icon appears in the right portion of the screen.



FORWARD | SPECIFICATIONS

MODEL	78114
Name	Forward DFA75
Magnification, x	1*
Display type	OLED
Objective lens	F50/1.0
Resolution, line /mm, not less	50
Field of view, °, horizontal	5
Integrated IR illuminator, type	Laser
Wavelength of integrated IR, nm	915
Detection distance, m	400
(object 1,7 m. tall, luminance 0,05 lux (1/4 Moon))	
Voltage, V	3.7 ... 6 (4*AA)
Operation time on 1 batteries set, hour, not less	3
External power supply, B / Power, Wt	DC 9 ... 15 / 3
Operating temperatures range, °C	-25 ... +50
Length, mm	155
Width, mm	82
Height, mm	117
Weight (without batteries), g	560

* - onetime magnification of digital module does not mean that digital module can be used as an independent observation device; one time magnification means that if used with day riflescope the magnification of assembly will be equal to the magnification of day optic device.

FORWARD | USEFUL LINKS

Forward [on www.pulsar-nv.com](http://www.pulsar-nv.com)



<http://www.pulsar-nv.com/products/digital-front-attachment/forward-dfa75/>

Forward [on www.youtube.com](http://www.youtube.com)



<http://www.youtube.com/watch?v=AcRE07tw1Bw>

<http://www.youtube.com/watch?v=18jhRlYSrno>