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The new Nayvis NS-HD finder replaces the well-known NS-XDM model. First of all, the NS-HD uses a ceramic-ceramic converter (CORE - Ceramic Optical Ruggedized Engine), which possesses significantly better photocathode sensitivity than the basic generation I transducer. This solution enabled the resignation of the built-in infrared illuminator, because in most situations it will be unnecessary. Thanks to this NS-HD is definitely cheaper and more energy-efficient. What is important, the body itself has a place for an external assembly (22 mm weaver rail) of the illuminator if the need arises. The combination of the CORE system with the basic generation I and II converter: The parameter system layout I CORE system gene II layout

â€¢ Sensitivity of photocathodes, white light ($\mu A / lm$):	150-250	350-400	300-500
â€¢ resolution (lp / mm):	27-40	60-70	45-55

Nayvis NS-HD has only one switch - use it to turn on or turn off the device, and adjust the brightness of the sighting grid (red) in a five-point scale. The same module also has a power socket - one CR123 battery. On the opposite side of the device you will find a turret to adjust the settings of the sighting grid. The NS-HD riflescope has 30% more magnification than the NS-XDM optical magnification, which with a multiplicity of 3x brings the observed stage closer to us. The optical adjustment itself takes place classically - adjust the sharpness by turning the lens, while the dioptre adjusts the eyepiece. The eyepiece also has a built-in "pig ears" that have several important tasks: to fit the eye and protect against unauthorized lateral lightening during aiming, give proper eye tracking for comfortable observation and protect the eye sockets before impact during the recoil of the unit. In Nayvis NS-HD we find a standard Weaver (22 mm) rail mounting for this type of device. The assembly has a length of 12.5 cm and is blocked by two screws located on the edges of the assembly. There are also holes prepared in three equally spaced places for stop pins (2 pieces in a set). The assembly itself attached to the body with three screws and can be easily dismantled and replaced with other weapon units prepared for the given unit. In summary, the Nayvis NS-HD night vision scope is a representative of the classic night vision school. Solid construction made entirely of aluminum, child's play and comfortable handling even when wearing gloves and a modern transducer make contact with this device a lot of satisfaction and will certainly prove to be very "accurate".

Technical parameters

â€¢ transducer:	high resolution, metal-ceramic, CORE
â€¢ optical magnification:	3x
â€¢ Angular field of view:	10 °
â€¢ lens:	105 mm / f1,6
â€¢ Lens diameter:	50 mm
â€¢ minimum sharpening distance:	10 m
â€¢ distance from the eyepiece:	45 mm
â€¢ 1 click:	15 mm over a distance of 100 m

â€¢ working time: up to 100 hours â€¢ power supply: 1 x CR123 3V Lithium (ABSOLUTELY do not use any RCR123 3.0V or 3.7V batteries) â€¢ diopter range: +/- 3 â€¢ working temperature: -20 ° C to + 40 ° C Warranty 12 months