



Night Vision Goggles – Edge GS 1x20

The **Edge GS 1x20** is primarily designed for use as **night vision goggles** (the device can also be mounted on a Head Mount included in the box).

Lack of visual magnification (1x) provides the user adequate spatial orientation and comfortable operation when in motion (the user is able to estimate distance to the object or between objects correctly).

The **Edge GS 1x20 NV Goggles** is equipped with an energy-conserving IR Illuminator with adjustable power. IR power adjustment wheel and other control elements are located on top of the device.



At the core of the **Edge GS 1x20 NV Goggles** is a unique combination of specially designed optics, CF-Super Image Intensifier Tube, and wide-angled five-lens eyepiece which provides lack of distortion and the highest edge-to-edge resolution performance.

The **Edge GS 1x20 NV Goggles** have enhanced service durability. The housing is sealed which allows it to be used in harsh conditions (in the rain or dusty environment).

The device has an image intensifier tube protection system – once the luminance threshold level is exceeded, current feed to the tube is automatically reduced or fully ceased.

The **Edge GS 1x20 NV Goggles** has a wide range of applications: protection of industrial facilities and private property, patrolling, search and rescue, military and sports games, tourism, nocturnal walks on foot or bicycle and night orienteering.

Technical specifications:

Image Tube Type	CF-Super / EP-33-SF
Magnification, x	1
Objective lens, mm	20
Resolution (centre/edge FOV), lines/mm, min.	42 / 36
Angular field of view, degree	36
Max. range of detection, m *	90
Eyepiece adjustment, diopter	±4
Exit pupil, mm	6
Operating voltage, V	3 (2xAAA)
Min. operating time (IR off / on), hour	50 / 20
Operating temperature	-20 °C ... +40 °C
Dimensions, mm	163x113x60
Weight of the unit, kg	0.65
Weight of the head mount, kg	0.2