



■ DUAL NIGHT VISION GOGGLES

BNVG 18/22

Two tubes. True depth.

REDUNDANT DUAL-CHANNEL NIGHT VISION

A dual-channel goggle with a 51° field of view and true stereoscopic vision. Multi-coated optics in a compact composite housing, bright-light cut-off to protect the photocathode, and manual gain control for changing light.

KEY FEATURES

- Redundant dual-tube design
- True stereoscopic vision
- Manual gain control
- Built-in IR illuminator and flood lens
- Bright-light cut-off
- Ergonomic, simple controls

51°

FIELD OF VIEW

2 tubes

REDUNDANT, STEREOSCOPIC

20+ h

BATTERY LIFE, 1× AA / CR123A

IP68

NITROGEN FILLED

BNVG 18/22

TECHNICAL SPECIFICATION

OPTICAL

Magnification	1×
Field of view	51°
Focus range	0.25 m to infinity
Objective focal length	25 mm
Objective F-number	F1.19
Dioptrre adjustment	–6 to +2 minimum
Eyepiece lens	27 mm glass aperture
Eye relief	25 mm
Interpupillary adjustment	56–72 mm

ELECTRICAL

Power source	1× CR123A (3 V) or AA (1.5 V)
Battery life	20+ h, tube and battery dependent
IR indicator	Red LED in eyepiece

PHYSICAL

Dimensions	115 W × 74 H × 118 L mm
Weight	645 g without battery

ENVIRONMENTAL

Ingress	IP68, nitrogen filled
Operating temperature	–40 °C to +50 °C
Storage temperature	–50 °C to +70 °C

FIGURE OF MERIT (MIN)

Model	BNVG 18	BNVG 22
FOM	1800	2200

TUBE SPOT SPECIFICATION / MAX. SPOTS PER ZONE

Tube	Spot Ø (µm)	Zone 1 · Ø 5.6 mm	Zone 2 · 5.6–14.7 mm	Zone 3 · 14.7–17.0 mm
Gen 18	300	0	0	0
Gen 18	230–300	0	1	1
Gen 18	150–230	0	2	2
Gen 18	75–150	2	3	3
Gen 22	230–300	0	0	0
Gen 22	150–230	0	1	2
Gen 22	75–150	1	2	3