

# NIGHT VISION BINOCULAR

[BROLIS TWINS]

# BROLIS



## IDENTIFICATION DATA

Type	TWINS
Reference No	BS-TWINS-2000
NSN	N/A

## DESCRIPTION

The BROLIS TWINS is dual tube highly advanced night vision device with Single Gain Control featuring very broad response range. The BROLIS TWINS are easy to use, operates from a single AA battery, has lightweight, extremely durable, Mil-Spec housing designed for multiple applications and is wear and corrosion resistant. The BROLIS TWINS incorporate new high-performance optics that are not only much lighter, but also offer higher performance than standard optics. Additionally, the BROLIS TWINS provide an automatic system power cutoff when the system is transitioned into the helmet's mounted stow position, and then powers back on when it is flipped back down. This feature can additionally be disabled by the end user if needed. The prominent feature is the integrated Auto-Gated power supply, facilitating operations under dynamic lighting conditions.



## OPTICAL / IMAGING PERFORMANCE

Sensor	px	Image intensifier GEN-IV
Spectral range		400-1100 (NIR)
Figure of merit	FOM	≥2000
Limiting resolution (at center)	lp/mm	≥70
Signal to noise ratio		≥29
Field of view		40°
Magnification		1x
F-Number		1,2
Focus range	cm	25 to infinity
Phosphorus		P45 ("white") or P43/P22 ("green")
Auto-Gating		Integrated

## POWER SUPPLY

Internal	AA battery	1
Run time	h	≥40 (one AA type Lithium battery, +21° C)

## ENVIRONMENTAL

IP Rating	Manufactured to IP68
Operating & storage temperature	-50°C to +49°C

## DIMENSIONS, WEIGHT & MOUNTING

Length x Width x Height	104x108x85 mm
Mounting system	Universal
Weight (without batteries)	<500 g

## FOR ENQUIRIES

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Color: Black (other colors available on requests)

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