



# TV/BIN-3 BINOCULAR NIGHT VISION GOGGLE



## TV/BIN-3 BINOCULAR NIGHT VISION GOGGLE

### General Features

BIN-3 is a passive binocular with adjustable eye distance that can be operated on a single AA battery and can be used as handheld or helmet mounted night vision binocular/goggles.

- With its lightweight design, it can be used as handheld and as a clip-on on a helmet.
- Optional manual gain adjustment at different light levels
- Infrared illumination
- Optional automatic brightness protection
- Easy to adjust
- "Low battery voltage" and "IR illumination on" warnings



FOV: 41°±2°



105mm x 93mm x 82mm



-51° / +55°



30 min at 8m water



600g



≥ 18mm Gen 2+ / Gen 3



F1.16



36 hours (IR off)  
24 hours (IR on)





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Optical Specifications		
Magnification	1x	
Field of view	41°±2°	
Focus Range	25 cm to infinity	
Lens Equivalent Focal Length	26mm	
Lens F No	F1.16	
Diopter Range	+2 to -6	
Eye Relief	25mm	
System Resolution	≥1.4 lp/mrad ( <i>Depends on the tube</i> )	
Image Intensifier Tube	≥ 18mm Gen 2+/ Gen 3	
Physical Specifications		
Device	Dimensions ( <i>Excluding eyecups</i> )	
	Length *	105 -115mm <i>*Varies depending on focus and diopter setting</i>
	Width	93mm
	Height	82mm
	Weight	600g ( <i>Excluding battery</i> )
Carrying Case	Dimensions	205mm(U) x 330mm(G) x 80mm(Y)
	Weight	270g
Electrical Specifications		
Power Supply	1 pc. 1.5V AA Lithium battery or 1.5V AA Alkaline battery or 1.2V AA Rechargeable battery	
Battery Life ( <i>Lithium Battery</i> )	36 hours (IR-Off) at 20°C	
	24 hours (IR-On) at 20°C	
"IR On" Warning	Red LED	
Low Battery Alert	Red flashing LED alert	
High Level Light Warning	Yellow LED warning	
Auto Power Off	Automatically shuts off when not used (raised) on monocular, headband or helmet	
Enviromental Specifications		
Working Temperature	-51°C/+55°C	
Storage Temperature	-51°C/+71°C	
Humidity	%95 Relative humidity (+ 68 ° C / + 23 ° C)	
Immersion	30 min in 8m water	
Operating Height	3500m	