



NV-2020



# NV-2020



**NVD INFINITY FOCUS**

**& ALIGNMENT SYSTEM**

## OVERVIEW

Electro Optical Industries' NV-2020 is the new standard for night vision goggle infinity focus and mechanical alignment. NV-2020 night vision optical alignment system is a compact portable reference device that allows the user to accurately adjust goggles just before a mission. It presents a resolution pattern at correct infinity focus to both Night Vision Device (NVD) channels at once. This provides for proper and quick adjustment of all goggle parameters for the individual wearer of the goggles.

## CONFIGURATION

During pre-mission NVD adjustment, the user must set up the goggle IPD spacing, adjust the goggle mount for proper tilt and eye relief, and adjust the focus of each eyepiece and objective lens assembly. The NV-2020 optical alignment system provides an accurate target at correct infinity focus and allows proper adjustment of all goggle parameters prior to a mission. Using a large mirror collimator, the NV-2020 projects multi-bar patterns of known resolution at light levels that are appropriate for both "high-light" and "low-light" NVD resolution. The device may be used with any goggle type. The eight step gray scale covers a range of 2 1/2 decades and checks the NVD over a variety of light levels.



## FEATURES

- Field Portable, battery powered
- NVD quick pre-mission check and adjustment
- Infinity Focus
- Low battery indicator



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## TECHNICAL

### NV-2020

Power Requirements	Four D size Alkaline batteries
Operation	Field Portable, Self-Contained
Focal Setting	Infinity
Reticle Resolution	0.49 to 1.72 Line Pairs per Milliradian
Reticle Luminance	Approximate Quarter Moon - Normal, Starlight-Low
Weight	11.1 kg (batteries included)
Size	Case size (with cover) 35H x 27W x 23D (cm)
Operating Environment	Temperature -20C to +40C, Humidity 90% non-condensing, on any optical surface
	WALL MOUNT ACCESSORY AVAILABLE



→ Wall mount accessory

Above information is subject to changes without notice