



PBS-15

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always a step ahead...since 1992

NIGHT VISION "DUAL TUBES" BINOCULARS GOGGLES



The fact is that a "dual tube" night vision optical system has proved to be more effective and safe for low light conditions compared to a "pseudo binocular" system, commonly known as "PVS-7", which is a "one lens-two eyes" type of NVD. The crucial issue in modern military is "survivability" of a soldier.

Depth perception of such "dual tube" device allows using this set for operating various machines, boats, aircrafts etc., in addition to basic ground operations.

Therefore, **PBS-15** is considered as the most favorable night vision goggles in new procurements regardless the highest cost.

PBS-15 is high performance modular, multipurpose night vision binoculars. Precisely and ruggedly built housing and optics meet or exceed military specifications.

PBS-15 can be used as handheld or with **head gear, helmet mount** assemblies for hands free use.

Device has a built-in short range Infrared Illuminators and is waterproof IP 67, **fully submersible**.

PBS-15 works with single 3 volt CR123 lithium batteries offering longer battery life.

PBS-15 compatible with most IR laser aiming and illuminating devices.



GENERAL STARLIGHT COMPANY

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TECHNICAL DATA:

| MODEL | PBS-15-1 | PBS-15-2 |
|---------------------------|-------------------|-------------------|
| Magnification | 1X | 1X |
| Lens System | 26 mm f1.2 | 27 mm f1.2 |
| Field of View | 40° | 40° |
| Range of Focus | Fr. 25 mm to inf. | Fr. 25 mm to inf. |
| Diopter Adjustment | +2/-6 | +2/-6 |
| Interpupillary Adjustment | 55-72 mm | 55-72 mm |
| Waterproof, submersible | IP67 | IP67 |
| Built in I.R Illuminator | Yes, short range | Yes, short range |
| Batteries type | CR123 | CR123 |
| Battery Life | 40+ hours | 40+ hours |
| Weight w/o IIT | 750 grams | 660 grams |
| Dimensions | 116x125x65 mm | 105x125x65 mm |
| Operating Temp. | -40°C to +50°C | -40°C to +50°C |

There is 2 models of **PBS-15** is available:

- **PBS-15-1** built combining together 2 pcs. Of **PBS-14** monoculars.
- **PBS-15-2** built combining together 2 pcs. Of **PBS-18** monoculars.

IMAGE INTENSIFIER TUBES CHOICE

Gen. 2+
 SuperGen™
 XD-4™
 XR-5™
 ONYX



IMAGE INTENSIFIER TUBES FEATURING

Resolution 45-73* lp/mm
 SNR 16-28*
 High Photoresponce*
 Small Halo*
 Auto Gated*

*with selected IIT
 **IIT weight 70-90 grams

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