

PVS-31C Dual-Tube Night Vision Goggles-Binoculars

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 etc., in addition to basic ground operations. PVS-31C

is considered as the most favorable night vision goggles in new procurements regardless the highest cost while comparing with “one-tube-NVD”.

PVS-31C is fully MIL-STD-810E compliant and ITAR-free, Canadian Made system.

PVS-31C is high performance dual tubes type night vision binoculars. Precisely and ruggedly built housing and optics meet or exceed military specifications. PVS-31C can be used as handheld or with head gear, helmet mount assemblies for hands free use. Device has a built-in short range Infrared Illuminator, light overload sensor and Manual Gain Control (optional, with selected IIT). PVS-31C works with single AA battery or with single

CR123 battery. PVS-31C compatible with most IR laser aiming and illuminating devices. System allow to “flip-up” either left or right optical channel. To guaranty that User is fully concealed, that “UP” channel is turning OFF IIT and then turns IIT ON again when “flipped down”.

PVS-31C Specifications

Optical Magnification	1X
Objective Lens Focal Length	27mm
Eyerelief	27mm
Diopter Adjustments	-6 .. +2
Environmental Protection	IP67, MIL-STD-810E
Interpupillary Adjustment Range	52mm .. 72mm
Built-In Infrared Illuminator	Yes, Short-Range, 905nm
Light Overload Sensor	Yes, Built-In
Battery Type	1 pc AA or 1 pc CR123
Battery Life (CR123)	50+ hours
Battery Life (AA)	30+ hours
Manual Gain Control	Yes
Ambipolar Power Source	Yes
Weight	650 grams (22.9 oz)
Dimensions	105x125x65 mm
Operating Temperature	-40°C .. +50°C

IMAGE INTENSIFIER TUBES CHOICE

MODEL

PVS-31C-MA1: Gen. 2+, FOM 1000-1260

PVS-31C-GA1: Gen. 3, FOM 1260-1599

PVS-31C-GA2 : Gen. 3, FOM 1600-1799

PVS-31C-GA3: Gen. 3, FOM 1800-2000

IMAGE INTENSIFIER TUBES FEATURING

Resolution 45-73* lp/mm

SNR 16-30*

High Photoresponce*

Small Halo*

Auto Gated*