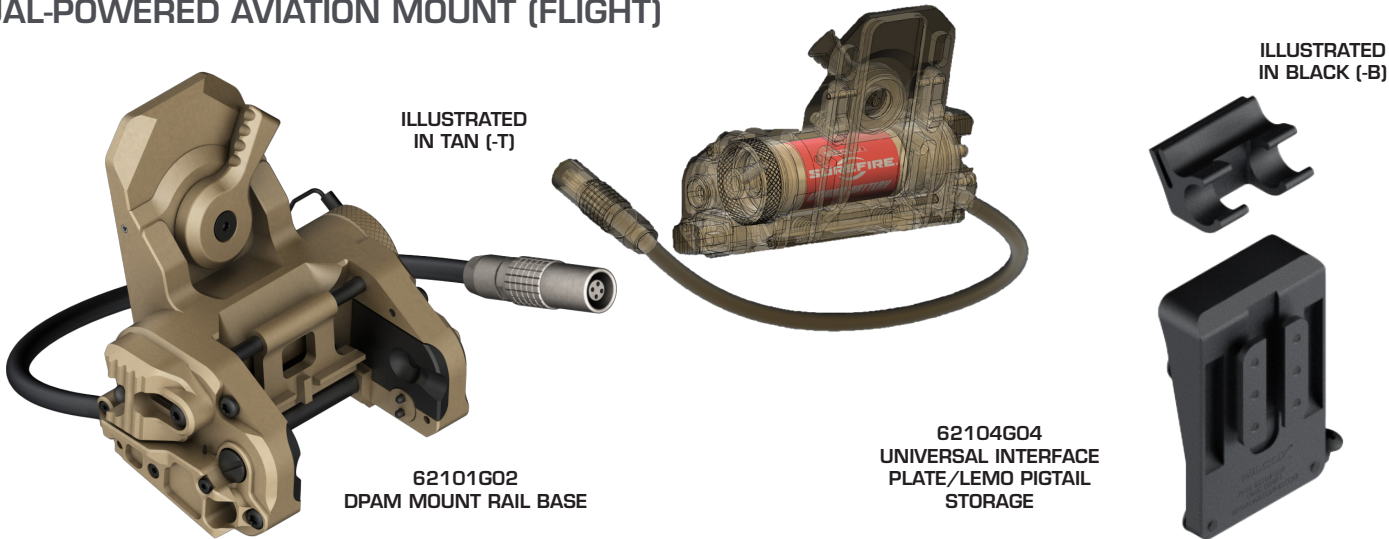


DPAM™
DUAL-POWERED AVIATION MOUNT (FLIGHT)



PRODUCT OVERVIEW

The Dual-Powered Aviation Mount (DPAM) integrates existing ANVS-6/9, M949, F4949, F5050, and GPNVG NVGs with Wilcox's standards for firm attachment to SPH-4 and HGU-56 or similar style flight helmets. The DPAM Mount Flight System attaches to flight helmets fitted with currently fielded quick release or 4-hole pattern. The 3 Volt system switches between currently fielded external power supplies or internal backup battery. The DPAM Mount Flight System provides a vast increase in capability and more robust solution over currently fielded devices. Lightweight Aluminum/Polymer construction increases durability over currently fielded mounting solutions.

FEATURES AND BENEFITS

- Quick disconnect mounting and dismounting of the NVG and DPAM Rail Base
- Flip up locks in the stowed position and enables the auto-off capabilities of the goggle
- Standard LEMO® 4-pin connector supports legacy and current aviation power supplies
- Field replaceable ball detent inserts ensure continued operability at set tolerances over the life of the Mount
- Low Battery Indicator for Pilot, Crewman, or Operator
- Internal CR123 battery provides power to the NVG with Mount removed (no need for legacy snap-on battery pack)
- Multiple helmet platform use for both aviation and ground operations

SPECIFICATIONS

Dimensions: Rail Base - 7.09 cm W x 6.27 cm H x 5.92 cm D (2.79" W x 2.47" H x 2.33" D)
Rail Base Power Cord - 15.24 cm (6") Long
Interface Plate - 3.43 cm W x 5.21 cm H x 1.32 cm D (1.35" W x 2.05" H x 0.52" D)
LEMO Pigtail Storage - 2.54 cm W x 1.93 cm H x 1.37 cm D (1" W x 0.76" H x 0.54" D)

Weight: Rail Base Only - 122.47 g (4.32 oz)
Interface Plate - 26.93 g (0.95 oz)
LEMO Pigtail Storage - 17 g (0.6 oz)

Vertical Height Adjustment: 0.90"

Flip Angle: Goggle Dependent

Material Construction: Lightweight, Aerospace Grade Metal

Accommodates: ANVS-6/9, M949, F4949, F5050, and GPNVG

Power Supply: Fielded External Battery Supply, One (1) Internal CR123 Battery

Operational Time (Internal): Up to 8 Hours

Available Colors: -T -B

PRODUCT DESCRIPTION	PART NUMBER
DPAM MOUNT FLIGHT SYSTEM	62100G06
DPAM QUICK RELEASE SHROUD INTERFACE PLATE/LEMO PIGTAIL STORAGE	62100G07
DPAM QUICK RELEASE INTERFACE PLATE	62104G03
DPAM UNIVERSAL INTERFACE PLATE/LEMO PIGTAIL STORAGE	62104G04

Approved for Public Release

