MATRIX-MODULAR NIGHT VISION SOLUTION

HYPER 14™

THE HYPER 14™ CHASSIS IS A MEANINGFUL FOUNDATION COMPONENT WHICH ENABLES TRUE SCALABLE/OPEN SOURCE MODULARITY OF IMAGE INTENSIFIED NIGHT VISION DEVICES.

USE OF LEGACY OPTICS, SURFACE INTERFACE AND LOGISTICS SUPPORT COMPONENTS (TO INCLUDE IMAGE TUBE) AS WELL AS VARIOUS FUTURE ENHANCEMENTS/COMPONENTS/ACCESSORIES.

DESIGN/ENGINEERING IMPROVEMENTS MAINTAIN PHYSICAL MASS WHILE INCREASING CHASSIS IMPACT RESITANCE, IMAGE TUBE STABILITY AND SHEER SURFACE STRENGTH.

IMAGE TUBE AGNOSTIC DESIGN ALLOWS FOR PRECISION/PREDICTABLE IMAGE TUBE LOCATING WITHOUT USE OF PERMANENT BONDING EPOXY. LOGISTAL EASE IN MAINTENANCE, UPGRADE AND SCALABILITY.

PATENT(S) PENDING

ENVIRONMENTALS:
CUSTOM GASKET VS. GENERIC O-RING

HIGH RELIABILITY:
DECREASED SURFACE COMPROMISE RISK

MODULARITY:
DUAL SIDED INTERFACE POINTS

LOGISTICS:
REMOVE/REPLACE OPTICS WITHOUT DISASSEMBLY

QUALIFICATIONS:
SIGNIFICANT RUGGEDIZATION/ENVIRONMENTALS

SPECIFIC MASS:
76G/7000 SERIES ALUMINUM

AUGMENTATION:
OPTICAL/SURFACE MODULAR

INTERFACE:
LEGACY COMPATIBLE INTERNALLY/EXTERNALLY

SURFACE FINISH:
HARD ANODIZE/CERACOAT

INTERFACE:
OPEN SOURCE COMPONENTS/ACCESSORIES

SHOWN WITH LEGACY OPTICS, TITANIUM COLLAR AND DUAL INTERFACE SHOES

PRECISION MACHINED EXO-SKELETON DESIGNED FOR PRECISE OPTICAL APPLICATIONS, IMPROVED ENVIRONMENTALS/OPERATIONAL PROTECTION AND LIFECYCLE INCREASE.

IMPROVEMENTS INCLUDE SUBMERSION TOLERANCE, EXTERIOR IMPACT RESISTANCE, OPTICS SUPPORT, THREAD SURFACE INCREASE/STRENGTH, FULLY HELI-COILED JUNCTURES.

INTEGRATES VIRTUALLY ANY IMAGE TUBE, INTERFACE HARDWARE, OR FUTURE DESIGN ARCHITECTURE AS A SOLID FOUNDATION FOR MODULAR APPLICATIONS.

SIGNIFICANTLY IMPROVED IMAGE TUBE PROTECTION /POSITIONING COUPLED WITH THE ABILITY TO USE MODERN ACCESSORIES AND HIGH YIELD OPTICAL TRAIN INTERCHANGABLY.

Contact DEP directly @ info@dep-technologies.com, or via landline @ 800.578.7929

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