



CHIMERA 158 (D) Targeting Laser

NEAR

The boundaries between the near, mid and far-infrared regions significantly provide unmatched versatility and superior operational intelligent capability. The Chimera 158D directly supports the National Defense Strategy's objectives to increase Joint lethality & survivability especially in contested environments through agile, durable & resilient capabilities.

MID

Penetrate and improve future combat effectiveness & expand warfighting capability which increases human momentum in complex terrains.

AWFC Doctrines Met

Initiative
Innovation
Sustainment
Depth
Adaptability
Endurance
Mobility
Lethality

FAR

The Chimera series lasers are designed with a robust simplicity of use, that have far reaching flexibility and tactical scalability. Integrated new technologies in UV will increase situational awareness; lighten the warfighters' physical and cognitive workloads enabling rapid transition to other operational phases.



SUBTERRANEAN FOCUS

- UV Target designation system 80% less trackable in low light conditions
- 300 - 400 Lumen Light
- Co-Aligned Visible & IR Aiming Lasers
- Triple Beam Aiming Laser
- Material Aircraft Aluminum

Alternative Enhancement To Track Vision /

UV Targeting Laser / White Light Illuminator

Direct Components' laser technology brings a new level of control to the use of the UV spectrum. This tool can solve the problems listed while introducing a host of new capabilities to its users. UV is ideal illumination, in combinations of target, dazzling through optimal 'fluorescence', and as designation system for a variety of other applications.

- Using ultraviolet may have specialized applications (CBRN).
- Though UV light is low level, (80% less trackable in low lit conditions) it's still visible, especially when pointed at objects that exhibit 'fluorescence', E.g., absorption and emission at different wavelengths.

Not The Status Quo

Our Chimera UV laser enables rapid detection of trace and bulk levels of chemical, biological and explosive contaminants on clothes, vehicles, packages, luggage and other surfaces or liquids. This spectrum of light provides enhanced situational awareness for soldiers and first responders to potential nearby chemical, biological, and explosives or (CBE) hazards sensor to detect trace materials on surfaces at distances from 1 m to about 5 m.

UV Laser

EOD techs can use to illuminate and 'fluorescence' trip command wires. The Chimera 158 D projects a brilliant UV Laser Line. Easily scan doorways, halls, walls, tunnel systems or stairwells with one pass.



technology
advancement



Specifications

Item Number

158 (D)

FIT FORM FUNCTION

Currently the most dominating laser designed for tactical efficiency and switching capabilities in warfighting. Four (4) functionalities, combined with the right options when every ounce counts.

- ⊕ Fits all Current Pistols
- ⊕ Low Profile Design
- ⊕ Enhanced Performance
- ⊕ Built-in Picatinny Rail
- Adaptor
 - ⊕ Extreme Accuracy in Low Light & no Light Maneuvers
 - ⊕ Fully Adjustable Windage / Elevation
 - ⊕ Single Laser Activation

ADAPTIBILITY

ZERO DOWNTIME

TURNKEY SOLUTIONS

For more information on any of our products or services please visit us on the Web at: www.DirectComponents.com

- Laser Type - Ultra Violet Laser
- White LED - Light Illumination
- Power Output - Ultra Violet Laser
- Wavelength - Ultra Violet Laser
- Beam Divergence - Ultra Violet Laser
- Range/Visibility Night/Day* - Ultra Violet Laser
- Temperature
- Battery CR 2
- Battery Live mode dependent
- Material
- Color
- Weight with battery
- Dimensions inches
- Waterproof
- Mount
- Windage and Elevation Adjustment
- Activation Switch
- Remote Cable Pressure Pad
- Warranty

- Power Output - Visible Red or Green Laser
- Wavelength – Visible Red or Green Laser
- Beam Divergence - Visible Red or Green Laser
- Range/Visibility Night/Day* - Visible Green Laser

- Power Output - IR Laser
- Wavelength - IR Laser
- Beam Divergence - IR Laser
- Range/Visibility Night/Day* - IR Laser

UV – Class IIIa
 300 - 400 Lumen
 <50 mW
 375 to 405 nm
 <0.8 mRad
 >100m
 -40° C to +65° C
 CR 2
 Rechargeable (USB) > 3 Hours
 Aircraft Aluminum 6061-T6
 Black, Desert Sand
 4.5 oz.
 3.5 L x 2.75 W x 1.59 H
 Submersible to >10 m
 Integrated/ MIL-STD 1913
 Yes
 Integrated Thumb Slide
 Yes
 2 Years

<5 mW
 532 nm
 <0.8 mRad
 750 m / 15 m

<0.7 mW
 835 nm
 <0.8 mRad
 >250m

SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance
- Application Support
- Hardware Support
- Guaranteed Warranty



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 advancement

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