

DBAL-12

DUAL BEAM AIMING LASER INTELLIGENT²

UNMATCHED VERSATILITY AND SUPERIOR OPERATIONAL LONGEVITY ARE PAIRED TOGETHER IN THE DBAL FAMILY OF LASERS TO PROVIDE MAXIMUM FUNCTIONALITY. THIS "INTELLIGENT" LASER PROVIDES EXTREME ACCURACY IN LOW-LIGHT CONDITIONS AND CAN BE USED WITH NIGHT VISION DEVICES.

..... OVERALL FEATURES

- Restricted Lasers
- 50406: Visible and infrared laser pointer
- 40072: Infrared laser pointer and infrared illuminator
- Pre-drilled mounting holes for optional sub-miniature red dot sight or MIL-SPEC Top Rail



Available in **black** and **flat dark earth**



Quick release, self-adjusting HT Mount attaches to any Picatinny rail



Integrated push-button activation and **remote cable switch activation**



50406 features green visible pointer and IR pointer

eOptics

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Nothing Escapes You

DBAL-I² | DUAL BEAM AIMING LASERS

SPECIFICATIONS

Dual Beam Aiming Lasers

| | DBAL-I ² 50406 | DBAL-I ² 40072 |
|--------------------------------|---------------------------|---------------------------|
| LASER TYPE | Visible Red or Green | Green - Class 3B |
| | IR Laser Pointer | IR - Class 3B |
| POWER OUTPUT | IR Laser Illuminator | IR - Class 3B |
| | Visible Laser | <50 mW |
| | IR Laser Pointer | <50mW |
| WAVELENGTH | IR Illuminator | <50 mW |
| | White Light | - |
| | Visible Red Laser | - |
| | Visible Green Laser | 532 nm +/-3% |
| PEAK ILLUMINANCE | IR Laser Pointer | 830 nm +/-3% |
| | IR Laser Illuminator | 830 nm +/-3% |
| | White Light | - |
| BEAM DIVERGENCE | Visible Laser | <0.8 mrad |
| | IR Laser Pointer | <0.8 mrad |
| | IR Laser Illuminator | 1-195 mrad |
| RANGE/VISIBILITY (NIGHT/DAY)* | White Light | - |
| | Visible Red Laser | - |
| | Visible Green Laser | 100 m |
| | IR Laser Pointer | 2500 m |
| | IR Illuminator | 2500 m |
| | White Light | - |
| Temperature | +5°C to +50°C | -40°C to +65°C |
| Battery | CR123A | CR123A |
| Battery Life (Mode Dependent) | > 3 hours | > 3 hours |
| Material | Aircraft Aluminum | Aircraft Aluminum |
| Color | Black, FDE | Black, FDE |
| Weight (with Battery) | 7.6 oz. / 216.4 g | 7.6 oz. / 216.4 g |
| Dimensions (LxWxH) | 3.8 x 2.7 x 1.7 in. | 3.8 x 2.7 x 1.7 in. |
| Waterproof | Submersible to 5 m | Submersible to 5 m |
| Mount | QD HT Mount | QD HT Mount |
| Windage & Elevation Adjustment | Yes | Yes |
| Activation Switch | Integrated Push Button | Integrated Push Button |
| Remote Cable Pressure Pad | Yes | Yes |



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 Miamisburg, OH 45342, USA
 Tel: (937) 426-2341
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*The figures in the table are for guidance only. Range performance will vary depending on ambient light level, atmospheric conditions, target reflectivity, and imaging system performance. These figures are a composite of tests using the highest power settings performed on a variety of occasions. IR tests used a PVS-14 in starlight with no moon or urban lighting. Visible laser tests were performed in daylight under a variety of lighting conditions.

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UNMATCHED VERSATILITY AND SUPERIOR OPERATIONAL LONGEVITY ARE PAIRED TOGETHER IN THE DBAL FAMILY OF LASERS TO PROVIDE MAXIMUM FUNCTIONALITY. THIS "INTELLIGENT" LASER PROVIDES EXTREME ACCURACY IN LOW-LIGHT CONDITIONS AND CAN BE USED WITH NIGHT VISION DEVICES.

OVERALL FEATURES

- Visible and infrared aiming lasers; infrared aiming laser and infrared illuminator
- Pre-drilled mounting holes for optional sub-miniature red dot sight or MIL-SPEC Top Rail



Available in **black** and **desert sand**



Quick release, self-adjusting HT Mount attaches to any Picatinny rail



Integrated push-button activation and **remote cable switch activation**



Available in red or green visible pointer and IR pointer; or IR pointer and IR illuminator

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DBAL-I² | DUAL BEAM AIMING LASERS

SPECIFICATIONS

Dual Beam Aiming Lasers

| | DBAL-I ² 50433 | DBAL-I ² 50436 | DBAL-I ² 50450 |
|-------------------------------|--------------------------------|---------------------------|---------------------------|
| LASER TYPE | Visible Red or Green | Red - Class 3R | Green - Class 3R |
| | IR Laser Pointer | IR - Class 1 | IR - Class 1 |
| | IR Laser Illuminator | - | - |
| POWER OUTPUT | Visible Laser | <5 mW | <5 mW |
| | IR Laser Pointer | <0.7 mW | <0.7 mW |
| | IR Illuminator | - | - |
| | White Light | - | <4 mW |
| WAVELENGTH | Visible Red Laser | 635 nm +/-3% | - |
| | Visible Green Laser | - | 532 nm +/-3% |
| | IR Laser Pointer | 840 nm +/-3% | 850 nm +/-3% |
| | IR Laser Illuminator | - | - |
| PEAK ILLUMINANCE | Visible Red Laser | 635 nm +/-3% | - |
| | Visible Green Laser | - | 532 nm +/-3% |
| | IR Laser Pointer | 840 nm +/-3% | 850 nm +/-3% |
| | IR Laser Illuminator | - | - |
| BEAM DIVERGENCE | Visible Laser | <0.8 mrad | <0.8 mrad |
| | IR Laser Pointer | <0.8 mrad | <0.8 mrad |
| | IR Laser Illuminator | - | - |
| | White Light | - | - |
| RANGE/VISIBILITY (NIGHT/DAY)* | Visible Red Laser | 25 m | - |
| | Visible Green Laser | - | 35 m |
| | IR Laser Pointer | 1400 m | 1400 m |
| | IR Illuminator | - | - |
| TEMPERATURE | Temperature | -40° C to +65° C | +5° C to +50° C |
| | Battery | CR123 | CR123 |
| | Battery Life (Mode Dependent) | > 3 hours | > 3 hours |
| | Material | Aircraft Aluminum | Aircraft Aluminum |
| WEIGHT & DIMENSIONS | Color | Black, FDE | Black, FDE |
| | Weight (with Battery) | 7.6 oz./216.4 g | 7.6 oz./216.4 g |
| | Dimensions (LxWxH) | 3.8 x 2.8 x 1.7 in. | 3.8 x 2.8 x 1.7 in. |
| | Waterproof | Submersible to 5 m | Submersible to 5 m |
| MOUNT & ADJUSTMENT | Mount | QD HT Mount | QD HT Mount |
| | Windage & Elevation Adjustment | Yes | Yes |
| | Activation Switch | Integrated Push Button | Integrated Push Button |
| | Remote Cable Pressure Pad | Yes | Yes |



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