DESIGNED FOR CRITICAL MISSIONS.

> Very lightweight enabling a better mobility
> Full depth perception thanks to stereoscopic vision essential to vehicle driving and special forces operations
> Compatible with Military-Of-The-Shelf mounting accessories
> Possibility to rotate each binoculars side out of the line of sight allowing monocular configuration
> Increased eye relief for a better peripheral vision
> Stowed position reducing the overhang

BONIE

Light Weight model
Best-in class solution for mobility and performances
BONIE LW
Best-in class solution for mobility and performances

OVERVIEW

Derived from our binoculars for fighter pilots, BONIE LW offers stereoscopic night vision for the most demanding land missions. Thales has taken great care by involving the highest requirements in terms of robustness, ergonomics, operational capabilities to the best optical performances.

HIGHER OPTICAL PERFORMANCES

BONIE LW innovative optical design, based on aspherical lenses, delivers higher optical performances while reducing weight and dimensions compared to conventional binoculars.

Thanks to its low profile design BONIE LW is the perfect ally for soldier’s missions increasing their situational awareness while reducing their burden.

STATE OF THE ART MECHANICAL DESIGN

With a rugged mechanical design, BONIE LW offers a perfect stability and an improved comfort during long wearing operations.

Each side arm can be independently rotated out-of-the-way, in order to switch from a binocular to a monocular configuration.

APPLICATIONS

BONIE LW binocular configuration enables a better depth perception and is particularly suitable for land vehicles driving, HAHO/HALO airborne operations, and others special forces operations in the darkest conditions.

TYPICAL DATA

<table>
<thead>
<tr>
<th>Magnification</th>
<th>1x</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field of view</td>
<td>40°</td>
</tr>
<tr>
<td>F-number</td>
<td>F/1.2</td>
</tr>
<tr>
<td>Focus range</td>
<td>20 cm to infinity</td>
</tr>
<tr>
<td>Diopter adjustment</td>
<td>-6 to +3 diopters</td>
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<tr>
<td>Eye relief</td>
<td>28 mm</td>
</tr>
<tr>
<td>Interpupillary distance</td>
<td>53 mm to 76 mm</td>
</tr>
<tr>
<td>Image Intensifier</td>
<td>Gen. II or Gen. III</td>
</tr>
<tr>
<td>Autogating function</td>
<td>Optional</td>
</tr>
<tr>
<td>Brightness gain adjustment</td>
<td>Automatic</td>
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<tr>
<td>Weight</td>
<td>655 g</td>
</tr>
<tr>
<td>Power source</td>
<td>1 AA battery (1.5V or 3.6V)</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-32°C to +49°C</td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-46°C to +65°C</td>
</tr>
</tbody>
</table>

Others features
- Compatible with Military-Of-The-Shelf mounting accessories
- Built-in infrared illuminator
- "IR-ON" and "Low battery" indicator
- Automatic cut-off in stowed position

AVAILABLE ACCESSORIES

- Carrying bag & soft protection
- Transport case
- Universal mount
- Sacrificial windows & ocular filters
- Helmet mount
- Facemask

Building on 80 years of experience in high precision optics, Thales offers a comprehensive range of night vision devices.

Thales has a customer-focused approach and develops innovative and lightweight products which significantly reduce the soldier’s burden while displaying greater situational awareness.

With 100,000 devices in operation worldwide, Thales is the leading manufacturer of night vision devices for pilots and dismounted soldiers in Europe. Thales night vision devices were chosen by the armed forces of many countries, including France, the United Kingdom and Germany.

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