

# OPTICS TRADE

## **HUNTING BINOCULARS**

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# HUNTING BINOCULARS

- The biggest category of binoculars
- Different binoculars for different types of hunting
- Fixed magnification
- Objective lens bigger than 30 mm
- 7x, 8x and 10x magnification



# HUNTING BINOCULARS FOR LOW LIGHT USE

- Hunting in the dark is very popular in **Europe**
- Binoculars for low light use:
  - High light transmittance
  - 7x or 8x magnification
  - 50 or 56mm objective lens diameter
  - Big exit pupil
  - **Porro** or **Abbe-Koenig prisms**
  - Higher price range

# ALL-ROUND USEFUL HUNTING BINOCULARS 8X42

- 8x42 is one of the best configurations for hunting binoculars
- Compact binoculars, but still bright enough
- Excellent **combination** between size and weight, light transmission, field of view, and useful magnification
- This configuration is very common → high competition among manufacturers
- Also used by Birdwatchers
- To learn more read our [Buying Guide](#)

# HUNTING BINOCULARS FOR STALKING 10X42

- 10x42 are **less bright** than 8x42 but offer **better details** and **resolution**
- Suitable for hunting in the **mountains** and generally for hunting in the bright **daytime**
- Common choice of **birdwatchers**
- In the last years, the 10x50 binoculars started to become trendy → behave better in **low light** situations → but they are **heavier** and therefore not very suitable for stalking in the mountains

# COMPACT HUNTING BINOCULARS

- **Compact hunting binoculars** are only usable in the **daylight** → not enough bright image to hunt in the twilight
- **Small** in size, which means they are very **light** → the hunter can easily carry them around its neck
- Compact binoculars have the **largest field of view** among all binoculars



# ROOF PRISM USED IN HUNTING BINOCULARS

- Roof prisms are very common in the hunting binoculars
- **Central** focusing system
- Binoculars with Roof prisms are more compact than binoculars that feature **Porro prisms**
- The most commonly used type of Roof prism is Schmidt Pechan type → the **smallest** and the lightest type
- Abbe-Koenig prisms are not used very often → provide **bright images, but** binoculars are more **massive** and longer in size

# PROTECTION OF HUNTING BINOCULARS AGAINST ROUGH WEATHER CONDITIONS

- During hunting, binoculars are exposed to **harsh weather conditions**
- Only **Marine binoculars** are exposed to similar hard conditions → can compare to hunting binoculars
- Waterproof → filled with Nitrogen or Argon → prevent dew from accumulating at the sudden temperature changes
- Many have a thick **rubber armor**
- Premium binoculars have a housing made of **magnesium** → for maximal protection
- Only the most premium brands also offer special protective coatings on external lenses



# BEST HUNTING BINOCULARS

- Decision depends on the **purpose** → Binoculars that are great for **stalking** do **not** perform well in **low light** conditions
- It is crucial to choose binoculars that are best for its **user needs**
- Zeiss, Leica, Swarovski → currently **dominate** the market
- Some manufacturers in the **middle price range** provide good quality binoculars for more **affordable prices**



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