

OPTICS TRADE

Angled Spotting Scopes

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ANGLED SPOTTING SCOPES FOR HUNTING

- Appropriate for hunting in the mountains
- No need to overstretch the neck while using it
- Can be used without a **tripod** → The user simply puts the scope on the top of a shoulder bag or a backpack

ANGLED SPOTTING SCOPES FOR BIRDWATCHING

Birdwatching

Activity that involves a more extensive group of people participating at the same time → easy observation for people of all heights

- Scopes are often used with a tripod
- Crucial factor: **lightweight**

ANGLED SPOTTING SCOPES FOR DIGISCOPING

- **Phone** or a **camera** connects with a **spotting scope**

Angled spotting scopes vs. straight spotting scopes:

- Angled spotting scopes are more **compact** due to their shorter lengths;
 - They provide better **support** of the digiscoping setup;
 - No difference in the **quality** of the material between angled and straight spotting scopes
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- Supporting **rails** provide **stability** → they are shorter and less bulky

FOCUSING MECHANISM ON ANGLED SPOTTING SCOPES

- Most of the angled spotting scopes have **one** rotating knob for focusing
→ located on the top of the body
- More expensive models have a **two-piece** focusing knob:
 - first part is for **fast** and **rough** settings;
 - the second part is for **finer** adjustments.



- Some spotting scopes have focusing ring **around the entire body**

→ enables finer adjustments at a constant speed

- Example: Swarovski Spotting Scopes



WATERPROOFNESS OF ANGLED SPOTTING SCOPES

- Most spotting scopes are waterproof and filled with either **nitrogen** or **argon**
- The only weakness is the **bayonet mount** (part of the most premium angled spotting scopes)
- More affordable spotting scopes have fixed eyepiece → better protection against water intrusion
- **No permanent damage** if the water comes in the middle space (it can be **dried**)
- **The problem:** removing eyepiece while exposed to rain (unclear images)
- **Recommendation:** fixing the eyepiece somewhere in a dry space

RED DOT SIGHTS ON ANGLED SPOTTING SCOPES

- One or more small **Picatinny rails** are used as a platform for mounting a **red dot sight** on the spotting scope
- **Hunters** and **long-range shooters** use this setup for rapid target acquisition

Different purposes of using red dots:

- **Shooting competition:** the shooter points to the correct target and ensures he is looking at the right one
- **Hunting in the mountains:** the guide and the hunter can quickly locate a specific animal in the herd
- **Birdwatching:** one person of the group finds a specific bird in the flock of birds so the others can see it too



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