

# 8x32 and 10x42 Roof Prism Binoculars

These binoculars offer exceptional optical performance for various viewing applications. The models feature either 8x or 10x magnification, a center focusing mechanism, and utilize 19mm eyepiece diameters.



## Overview

### Professional Optical Performance

These roof prism binoculars offer high-clarity viewing suitable for professional applications. Available in two versatile configurations, both models feature premium Bak4 roof prisms and fully multi-coated lenses to ensure superior light transmission and sharp image resolution. Designed with center focusing and ergonomic eye relief, they provide a comfortable and precise viewing experience for extended use.

## Optical Specifications

### Lens Coatings

Fully Multi-Coated

### Prism Type

Roof / Bak4

### Light Transmittance

63 %

### Eyepiece Diameter

19 mm

## Comparison Table

### Model Comparison

Model	Magnification	Objective Lens	Exit Pupil	Eye Relief
TS213 (8x32)	8	32	4	15.3
TS113 (10x42)	10	42	4.2	15.5

## Performance Metrics

### Key Optical Metrics

7.4 °

Angular Field (TS213)

8.45 N/A

Resolution (TS113)

## Physical Dimensions

### Weight (TS213)

510 g

### Dimensions (TS213)

135mm x 115mm x 45mm