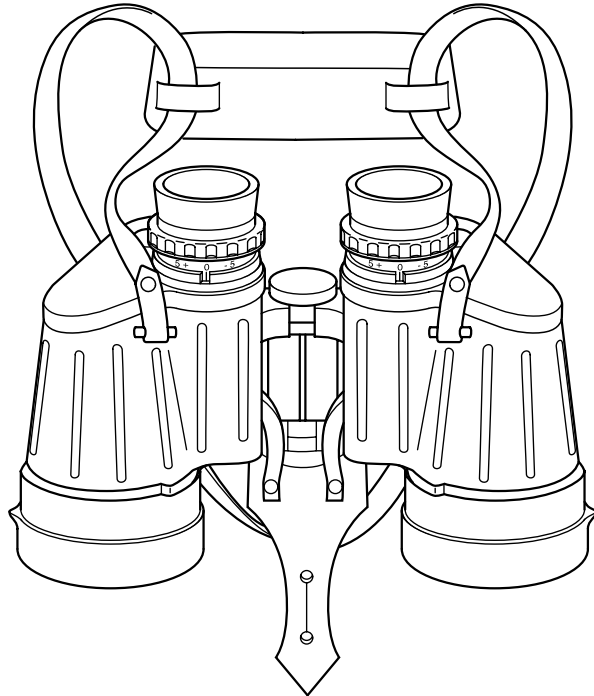


BINOCULARES



...you
might be
interested
in.



We make it visible.

With compliments

Subject to design and construction modifications

Carl Zeiss Optronics Wetzlar GmbH
Carl Zeiss Group
Gloelstraße 3-5
35576 Wetzlar

Phone: +49 6441 404-380
Fax: +49 6441 404-322
E- Mail: info.optronik.wetzlar@zeiss.de
Internet: www.zeiss.com/optronics

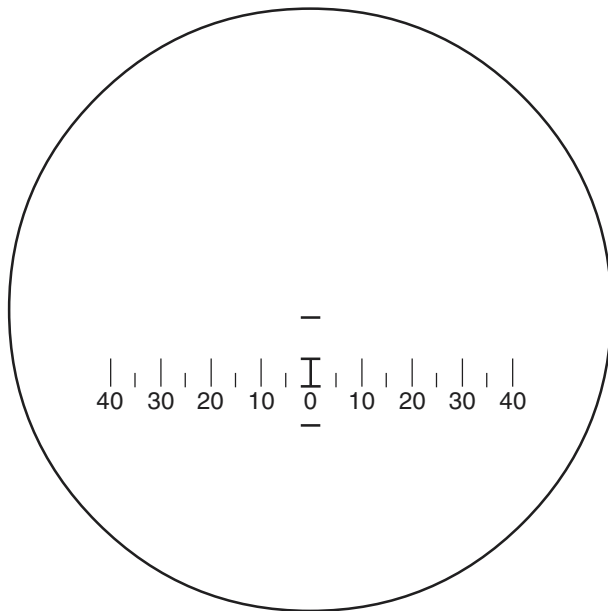
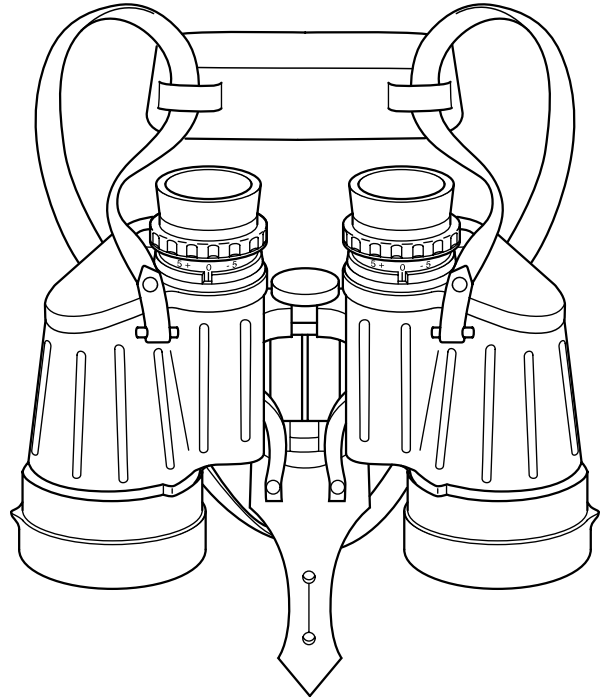
Binocular 8x30 M

Brief description

The Binocular 8x30 M serves for observing distant points or objects. According to the magnification of the binocular the viewed objects are brought closer to the viewer's eye. By means of the reticle pattern object distances, object heights and object widths can be determined. The integrated laser protection filter is permanently located in the optical path.

Reticle Pattern

The reticle pattern consists of the azimuth scale extending 40 mil to the left and 40 mil to the right and the elevation scale extending 15 mil. Both scales are divided into intervals of 5 mil. Every 10 mil of the azimuth scale is numbered. Of course reticle pattern can be laid out according to specific requirements.



Reticle Pattern



We make it visible.

Technical data

Optical Data

Binocular 8x30 M magnification (V)	8x
Entrance pupil (EP)	30 mm
Exit pupil (AP)	3.75 mm
Eye relief	14.5 mm
Field of view angle	7°
Field of view at 1000 m	124 m
Parallax-free for a distance of	∞
Diopter setting	± 5dpt
Interpupillary distance (PD) setting	55 - 75 mm
Protective filter against laser	1064 nm

Dimensions

	Length**	Width*	Height
Binocular 8x30 M	118 mm	178 mm	58 mm

*Measurements at 65 mm interpupillary distance (PD)

**Measurements at 0 dpt

Weight

Binocular 8x30 M	690 g
------------------	-------

Environmental conditions

Environmental test	MIL-STD-810C (in extracts)
--------------------	----------------------------

Scope of Delivery

Article	NATO Stock No./ Part No.
Binocular 8x30 M	6650-12-199-2875 331008-0000.000

Subject to design and construction modifications

Carl Zeiss Optronics Wetzlar GmbH
Carl Zeiss Group
Gloelstraße 3-5
35576 Wetzlar

Phone: +49 6441 404-380
Fax: +49 6441 404-322
E- Mail: info.optronik.wetzlar@zeiss.de
Internet: www.zeiss.com/optronics

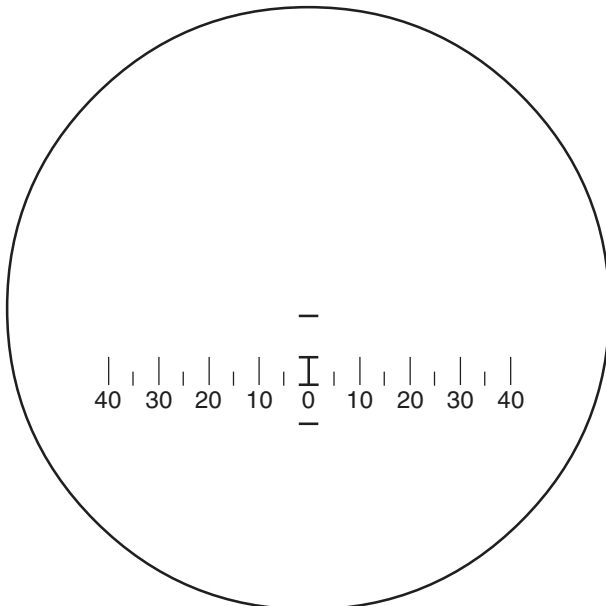
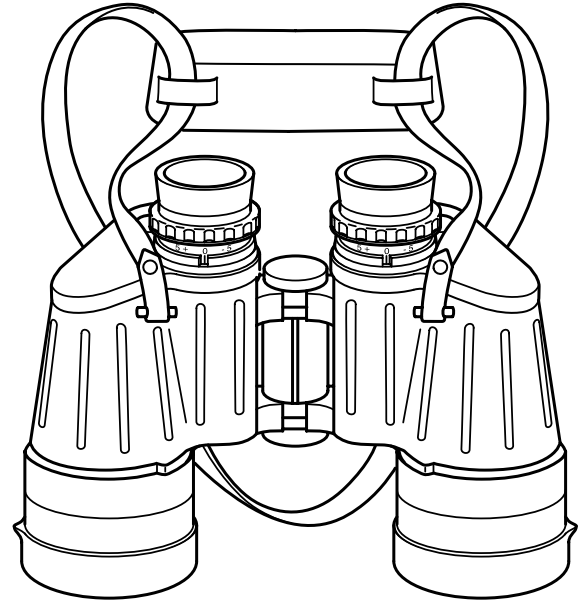
Binocular 7x50 M

Brief description

The Binocular 7x50 M serves for observing distant points or objects. According to the magnification of the binocular the viewed objects are brought closer to the viewer's eye. By means of the reticle pattern object distances, object heights and object widths can be determined. The integrated laser protection filter is permanently located in the optical path.

Reticle Pattern

The reticle pattern consists of the azimuth scale extending 40 mil to the left and 40 mil to the right and the elevation scale extending 15 mil. Both scales are divided into intervals of 5 mil. Every 10 mil of the azimuth scale is numbered. Of course reticle pattern can be laid out according to specific requirements.



Reticle Pattern



We make it visible.

Technical data

Optical Data

Binocular magnification (V)	7x
Entrance pupil (EP)	50 mm
Exit pupil (AP)	7.1 mm
Eye relief	18 mm
Field of view angle	7.5°
Field of view at 1000 m	130 m
Parallax-free for a distance of	∞
Diopter setting	± 5dpt
Interpupillary distance (PD) setting	55 - 75 mm
Protective filter against laser	1064 nm

Dimensions

	Length**	Width*	Height
Binocular 7x50	153 mm	220 mm	79 mm

*Measurements at 68 mm interpupillary distance (PD)

**Measurements at 0 dpt

Weight

Binocular 7x50	1450 g
----------------	--------

Environmental conditions

Environmental test	MIL-STD-810C (in extracts)
--------------------	----------------------------

Scope of Delivery

Article	NATO Stock No./ Part No.
Binocular 7x50	6650-12-199-2876 331009-0000.000

Subject to design and construction modifications

Carl Zeiss Optronics Wetzlar GmbH
Carl Zeiss Group
Gloelstraße 3-5
35576 Wetzlar

Phone: +49 6441 404-380
Fax: +49 6441 404-322
E- Mail: info.optronik.wetzlar@zeiss.de
Internet: www.zeiss.com/optronics

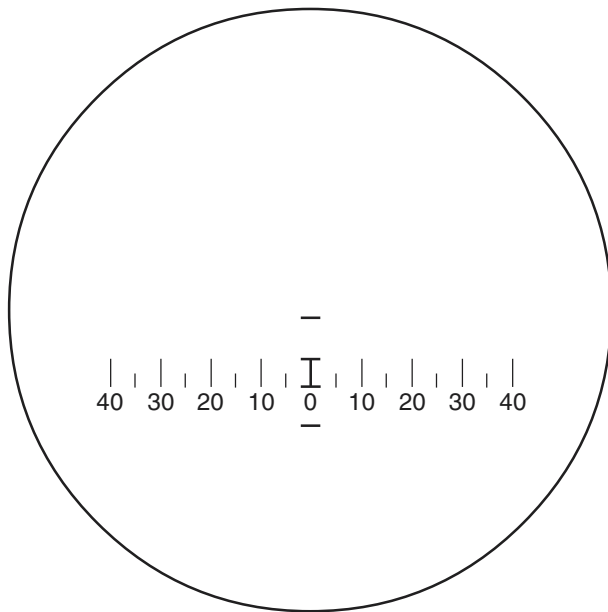
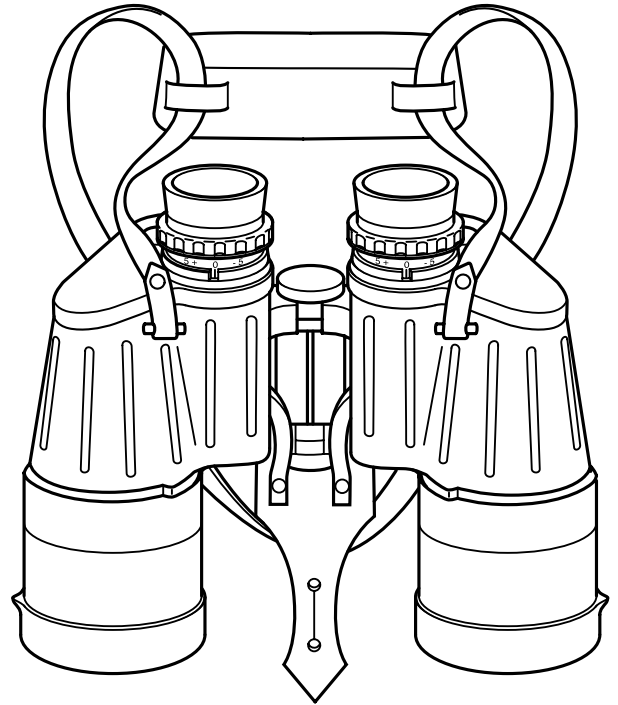
Binocular 10x50 M

Brief description

The Binocular 10x50 M serves for observing distant points or objects. According to the magnification of the binocular the viewed objects are brought closer to the viewer's eye. By means of the reticle pattern object distances, object heights and object widths can be determined. The integrated laser protection filter is permanently located in the optical path.

Reticle Pattern

The reticle pattern consists of the azimuth scale extending 40 mil to the left and 40 mil to the right and the elevation scale extending 15 mil. Both scales are divided into intervals of 5 mil. Every 10 mil of the azimuth scale is numbered. Of course reticle pattern can be laid out according to specific requirements.



Reticle Pattern



We make it visible.

Technical data

Optical Data

Binocular magnification (V)	10x
Entrance pupil (EP)	50 mm
Exit pupil (AP)	5 mm
Eye relief	15.5 mm
Field of view angle	6.3°
Field of view at 1000 m	110 m
Parallax-free for a distance of	∞
Diopter setting	± 5dpt
Interpupillary distance (PD) setting	55 - 75 mm
Protective filter against laser	1064 nm

Dimensions

	Length**	Width*	Height
Binocular	169 mm	220 mm	79 mm

*Measurements at 68 mm interpupillary distance (PD)

**Measurements at 0 dpt

Weight

Binocular	1550 g
-----------	--------

Environmental conditions

Environmental test	MIL-STD-810C (in extracts)
--------------------	----------------------------

Scope of Delivery

Article	NATO Stock No./ Part No.
Binocular 10 x 50	6650-12-199-2877 331010-0000.000

Subject to design and construction modifications

Carl Zeiss Optronics Wetzlar GmbH
Carl Zeiss Group
Gloelstraße 3-5
35576 Wetzlar

Phone: +49 6441 404-380
Fax: +49 6441 404-322
E- Mail: info.optronik.wetzlar@zeiss.de
Internet: www.zeiss.com/optronics