



MILITARY BINOCULARS



POLICE/LAW ENFORCEMENT BINOCULARS

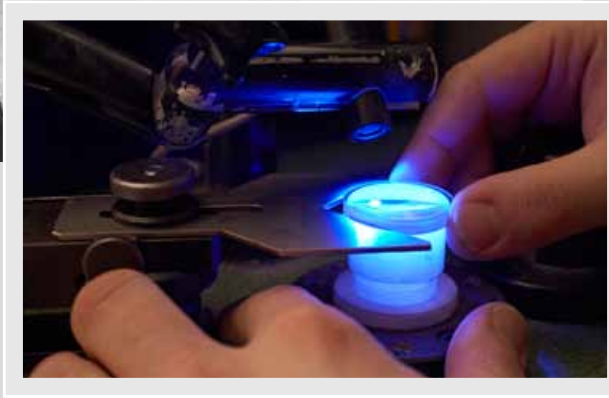


RIFLE SCOPES

BINOCULARS AND SCOPES

**MILITARY RUGGEDNESS
AND PRECISION**



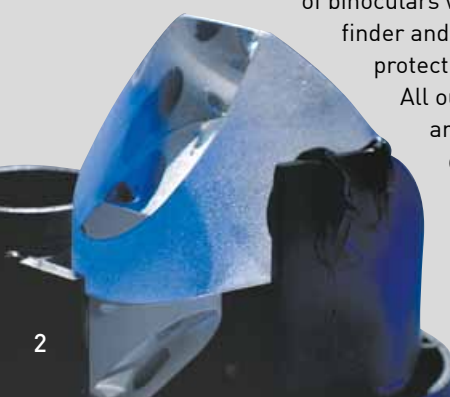


BINOCULARS

BIGGEST MANUFACTURER OF GENUINE MILITARY DAYLIGHT BINOCULARS

STEINER-OPTIK GmbH is the world biggest manufacturer of genuine military daylight binoculars. Our products are used by government, law enforcement and military departments in more than 70 different countries all over the world. These customers trust in our long-year experience in manufacturing of high precision quality products.

STEINER is the biggest manufacturer of military daylight binoculars in the world but also the most with competence. We are the leading company in the field of binoculars with integrated direction finder and in addition, we offer laser protection equipment for binoculars. All our genuine military binoculars are manufactured in our production facility in Germany.



There is no doubt that STEINER guarantees the best ratio between price and performance on military binoculars and scopes.

Developed for military purposes

STEINER is the only manufacturer who has developed binoculars and now, rifle scopes also especially for military purposes. Our specialists permanently improving and developing it further in close cooperation with the most important military forces in the world. The products we offer always represent the latest state-of-the-art and keep up with the latest technological developments.

STEINER MILITARY BINOCULARS – FACTS

Proved reliability

STEINER military binoculars proved their reliability and effective performance during many peace-keeping missions and several wars. STEINER were awarded against worldwide competition of all the renowned binocular manufacturer by the U.S. Army with the biggest order for military binoculars that had ever been placed. STEINER had supplied 72.000 pairs of military binoculars to the U.S. Army who is known worldwide

for their tough requirements and quality standards which they are claiming for their material.

Leading Technology

STEINER's binoculars always represent the latest state-of-the-art and keep up with the latest technological developments. STEINER is the leading company in the field of binoculars with integrated direction finder. In addition we provide laser protection equipment for binoculars. STEINER is also the first company in the world who developed, offered and manufactured a binocular with laser protection filters. Since the time when we started our research and development to work in this field we have gained a tremendous additional amount of experience and knowledge in this technology which is for the benefit of our military customers. Today we provide you with built-in laser rangefinders that combine military high definition porro-prism binocular lenses with the useful function to measure exact distances to observed targets.

After Sales Support

An important strength of STEINER is the after sales support and the logistic support. Many of our Government and Military customers all over the world have come to our factory for a service and maintenance training which helped to do certain steps of the repair and maintenance world later on at their own depots in the respective countries.

SCOPES

FROM BINOCULARS TO SCOPES

Many times we have been asked by our fully satisfied customers all over the world to offer scopes of the established STEINER quality and performance. Until now we were not able to meet their needs, because of our purposely focus on constantly optimizing our binoculars. But now we are proud to introduce the new STEINER Military Scopes – an innovative category of scopes, based on the established principles that our binoculars are famous for.

STEINER MILITARY SCOPES – FACTS

A new Field of Honor

By the time STEINER became a Beretta Defence Technologie (BDT) company it was inevitable for us to meet our customers' desire, for the established STEINER-values to be applied on a range of professional scopes for Military.

Bundling of Expertise

Our specialists are working on transferring their outstanding knowledge in optics and the consistent focus on military purposes from the field of binoculars to the field of scopes. The knowledge of Beretta and Sako arms specialists



was combined with international experts. That can base their wealth of experience concerning the development of scopes on leading scope manufacturers.

Developed for military purposes

The STEINER Military Scopes were especially developed for the tough requirements of military missions around the world. In close cooperation with special forces and international weaponry experts we will keep on improving the range of scopes that will successfully represent the pride of STEINER.

The unique STEINER-class

As a result, we are able to present a range of scopes that displays a new class in terms of performance, quality and reliability. The best price-performance ratio is of course guaranteed and is just what you expect when it comes to STEINER products.



OUR OUTSTANDING PRODUCT FEATURES

Extreme Ruggedness and Lightweight

Binoculars from STEINER withstand the toughest demands made on them. They feature an extremely compact and resistant design that can cope with the most demanding conditions. STEINER's special optical military construction guarantees stability even under severe shock and vibration conditions – due to their unbreakable Makrolon® inner housing our military binoculars are extremely rugged and lightweight.



Water Pressure Proofness

STEINER's genuine military binoculars guarantee a tightness/pressure-proofness of 0.5 bar which corresponds to a water pressure proofness of up to 5 m depth of water. Special sealing technology protect the high-end optics from outer influences. No dust, no dirt and no humidity can penetrate into STEINER binoculars.

Nitrogen Pressure Filling via 2-Way-Valve-System

STEINER's genuine military binoculars are the only ones which have a two-way valve system which means that prior to the process of filling the binocular with



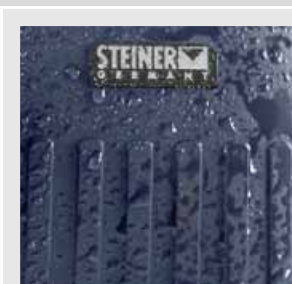
nitrogen the normal and humid air existing in the interior of the binocular will be sucked off and when there is a vacuum inside the dry nitrogen will be filled in. Fogging up or the formation of condensation inside the binoculars is absolutely prevented by this high-tech solution. Only this method fully guarantees an absolutely condensation-free use of the binocular during changing temperatures and in altitude differences. Even temperature variations between -40 °C and +80 °C do not have any adverse effects on the functionality of STEINER nitrogen-filled binoculars. The unique 2-way-valve technology makes inspection, service and maintenance possible even after a number of years. The binoculars are always ready for action under the most extreme conditions or in the worst weather conditions. Optical quality and precision are maintained for decades.

Temperature Range

As per general military requirements STEINER's genuine military binoculars withstand temperature ranges from -40 °C to +80 °C.

Long Lasting Rubber Amouring

STEINER's long-lasting, slip-proof and noiseless protective rubber armouring with its webs gives a perfect firm grip, in cold, heat, rain, sea water and the sun's rays as well as



additional protection against environmental influences. The long lasting rubber armouring is extremely rugged and resistant against oil, acid, and salt water. This rubber armouring is slip-proof, noiseless and shock-absorbing thus makes the binoculars comfortable to hold at a maximum ease-of-use.

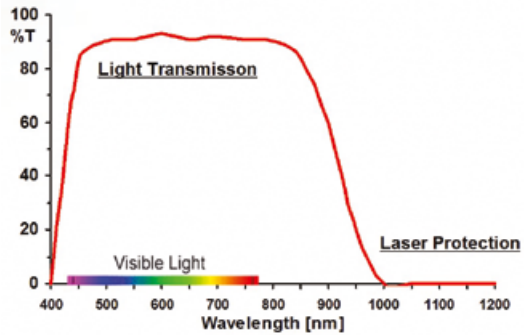
Multi Coated Optics

STEINER's multi coated optics provides outstanding viewing quality due to extremely high light transmission. All lenses and prisms are manufactured with maximum precision and are specially coated and deliver optimum observing results. Such state-of-the-art optical technology guarantees absolutely bright, high-contrast and sharply contoured images with natural color definition.

Laser Protection Filter

Since laser protection has become an important issue with regard to optical observation devices, all STEINER military binoculars can be supplied with a laser protection filter, either our standard one (OD 4 / 1064 nm) or a filter as specified by the users and customers.

STEINER was the first company in the world who developed, offered and manufactured a binocular with laser protection filters. Since the time when we started our research and development work in this field, we have gained a tremendous additional amount of experience and knowledge in this technology which is for the benefit of our military customers.



Manageability

STEINER's special compact construction shifts the center of gravity into the palms of the user's hands and allows a long-time observation without getting tired. The round shoulder shape of our binoculars is absolutely necessary to enter and leave armoured vehicles such as tanks without hindrance.

Individual Eyepiece Focus

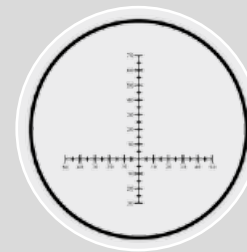
The STEINER individual eyepiece focus makes observing particularly comfortable. If both eyes are of the same dioptr strength, simply set both of the adjusting rings on the eyecups to "0" and you will see clearly from 20 m to infinity. If not, adjust both oculars individually for razor sharp images. Once adjusted, everything will be sharp and clear from approx 20 m to infinity for varying distances. Simple use. Also with a single hand only.

Reticle

Distance or size of objects can be easily determined with the help of a reticle.

With a known height or width of an object, it is easy to determine how far it is away and with a known distance the size of an object can be easily determined.

For each different binocular model, STEINER offers an optional standard reticle, but other reticle patterns as per customers' requirements can be developed.



Porro-Prism System

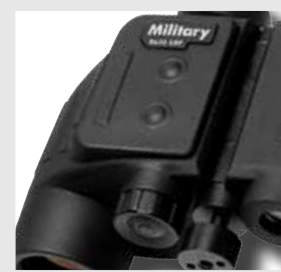
Porro-prism systems are used in almost all of the high-quality binoculars. These binoculars are extremely rugged. This system creates a perfect three-dimensional image and its construction increases light transmission. STEINER's military binoculars offer a bigger depth of field since the two objective lenses are further apart from each other. This has the big advantage that the observer can clearly judge at distance whether one object is behind or in front of another.

Roof-Prism System

Roof-prism binoculars split the light entering into two separate paths. By design these binoculars are extremely compact, smaller and more streamlined in size.

Laser Rangefinder

The Military 10x50 LRF's built-in laser rangefinder utilizes an eye-safe invisible FDA Class 1 laser according to EN and FDA class 1 in the left half of the unit. The digital display is superimposed over the image seen in the unit's right half. STEINER's Military Rangefinder features high definition porro-prism binocular lenses. These specially-coated lenses gather maximum light and provide clarity and brightness.



Magnification	8x	Twilight factor	15.4	Ocular adjustment	individual
Entrance pupil	30 mm	Dioptric range	± 5 dpt	Nitrogen-Pressure-Filling	2-way-valve system
Exit pupil	3.75 mm	Resolving power	≤ 11.25"	Weight Binocular (approx)	750 g
Eye relief	15.8 mm	Interpupillary distance	56 - 74 mm	Dimensions H/W/D (approx)	114/170/70 mm
FOV @ 1000 m	114 m	Operating Temperature	-20 °C / +60 °C		
Luminosity	16.8	Storage Temperature	-40 °C / +80 °C		

Item No.:	
Standard	5915

LASER	Eye-safe invisible laser according to EN and FDA class 1	ACCURACY	± 1 m/yd up to 350 m/380 yds	DISTANCE MEASUREMENT	
			± 2 m/yds up to 700 m/763 yds	Minimum Range	25 m/yds
			± 0.5 % beyond 700 m/763 yds	Maximum Range	1700 m /1859 yds



MILITARY 8x30 R LRF

The Military 8x30 R LRF's built-in laser rangefinder utilizes an eye-safe invisible FDA Class 1 laser according to EN and FDA class 1 in the left half of the unit. The digital display is superimposed over the image seen in the unit's right half. STEINER's brilliant optics with precision lenses and prisms and state-of-the-art lens coating give the Military 8x30 R LRF the highest light transmission ability of laser rangefinder binocular on

the market. Ideal also for use in low light condition.

By utilizing the Porro-prism design, the 8x30 is superior to a comparable binocular of roof-prism design because it loses less light, thus providing brighter image reproduction. In addition, Porro prisms provide distortion-free images and they afford users greater three-dimensional viewing due to the offset lenses.

The high-definition mil-spec optical elements provide maximum image clarity and brightness. User focus is set by individual eyepiece adjustments, which allow for a depth of field from approx 20 m to infinite distance without readjustment for varying distances. STEINER's Military Rangefinder features military high definition porro-prism binocular lenses. These specially-coated mil-spec lenses gather maximum light and provide clarity and brightness. The rangefinder employs an eyesafe FDA Class 1 laser.

Standard issue binocular for

- Universally suitable for all Military & Govern. Services
- Army, Navy, Air Force
- Artillery
- Target Determination
- Border Patrol
- Coast Guard



Magnification	10×	Twilight factor	22.4	Ocular adjustment	individual
Entrance pupil	50 mm	Dioptric range	± 5 dpt	Nitrogen-Pressure-Filling	2-way-valve system
Exit pupil	5.00 mm	Resolving power	≤ 6"	Weight Binocular (approx)	1270 g
Eye relief	15.8 mm	Interpupillary distance	56 – 74 mm	Dimensions H/W/D (approx)	137/207/100 mm
FOV @ 1000 m	≥ 106 m	Operating Temperature	-20 °C / +60 °C	Water Pressure Proof	up to 5 m
Luminosity	25	Storage Temperature	-40 °C / +80 °C		

Item No.:	
Standard	5954

LASER	Eye-safe invisible laser according to EN and FDA class 1	ACCURACY	± 1 m/yd up to 350 m/380 yds	DISTANCE MEASUREMENT	
			± 2 m/yds up to 700 m/763 yds	Minimum Range	25 m/yds
			± 0.5 % beyond 700 m/763 yds	Maximum Range	1700 m /1859 yds

MILITARY 10×50 R LRF



STEINER's Military 10×50 R LRF lightweight, laser-rangefinding binocular is based on our military-tested/military-approved Porro-prism configuration and is unique and compact in design.

The Military 10×50 R LRF's built-in laser rangefinder utilizes an eye-safe invisible FDA Class 1 laser in the left half of the unit. The digital display is superimposed over the image seen in the unit's right half.

By centering the target display on the subject while touching and releasing the 'RANGING' button located on top of the right half, the digital display will provide an accurate distance value nearly instantaneously. Holding the ranging button for more than three seconds activates the unit's scan mode, which is especially helpful when measuring small or moving targets. Scan mode switches off automatically after 20 seconds to conserve battery life.

The Military 10×50 R LRF has a wide measurement range from 20 m to 1600 m. The Military R LRF is capable of being switched to provide measurements in 'meters' or 'yards'.

By utilizing the Porro-prism design, the 10×50 is superior to a comparable binocular of roof-prism design because it loses less light, thus providing brighter image reproduction. In addition, Porro prisms provide distortion-free images and they afford users greater three-dimensional viewing due to the offset lenses. The high-definition mil-spec optical elements provide maximum image clarity and brightness. User focus is set by individual eyepiece adjustments, which allow for a depth of field from approx 20 m to infinite distance without readjustment for varying distances. STEINER's Military R Rangefinder features military high definition porro-prism binocular lenses. These specially-coated mil-spec lenses gather maximum light and provide clarity and brightness. The rangefinder employs an eyesafe FDA Class 1 laser.

Standard issue binocular for

- Universally suitable for all Military & Govern. Services
- Army, Navy, Air Force
- Artillery
- Target Determination
- Border Patrol
- Coast Guard

Magnification	7x	Temperature range	-40 °C to +80 °C	Angle of inclination	± 7°
Entrance pupil	50 mm	Nitrogen-Pressure-Filling	2-way-valve system	Precision Reticle	+
Exit pupil	7.14 mm	Water Pressure Proof	up to 5 m	Laser Protection Filter	optional
Eye relief	20 mm	Compass	HD-stabilized	Quality Level	genuine military
FOV @ 1000 m	≥ 130 m	Rose	360° / 6400 mil	Weight Binocular (approx)	1125 g
FOV angular	7.4°	Graduation	± 1° / ± 20 mil	Dimensions H/W/D (approx)	140/207/95 mm
Interpupillary distance	56–74 mm	Compass exactness	± 1° / ± 20 mil	Twilight factor	18.7

Item No.:	
Standard	5502
LPF (with laser protection filter)	55022



COMMANDER MILITARY 7x50 C

The STEINER Commander Military 7x50 C is the ideal choice for tactical needs. They feature incredible brightness and a range finding reticle combined with an illuminated HD-stabilized compass. The 7x50 configuration, combined with STEINER's brilliant optics, give the Commander the highest light transmission ability of any compass binocular on the market to use at night or in poor light conditions.

Also available with Laser Protection Filter (LPF).

Advantages

- clear and brilliant pictures even under the most difficult light conditions
- optimal combination of magnification, field of view, and compact dimension allows perfect observations
- foldable eyepieces suitable for wearers of spectacle or laser protective ballistic eyewear
- the integrated, illuminated and HD-stabilised compass with integrated range finding reticle ensures accurate bearings and distance measuring to the single degree

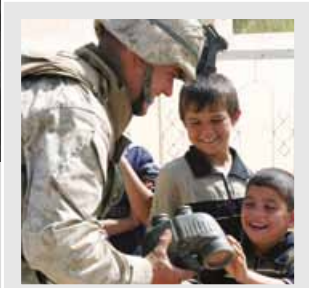
Standard issue binocular for

- Army, Navy, Air Force
- Artillery
- Target Determination
- Border Patrol
- Coast Guard
- Especially suitable under low light conditions
- Universally suitable for all Military & Governmental Services

OUR OUTSTANDING PRODUCT FEATURES

- EXTREME RUGGEDNESS and LIGHTWEIGHT
- WATER PRESSURE PROOFNESS
- NITROGEN PRESSURE FILLING via 2-WAY-VALVE SYSTEM
- TEMPERATURE RANGE
- LONG LASTING RUBBER AMOURING
- MULTI COATED OPTICS
- RETICLE
- LASER PROTECTION FILTER
- MANAGEABILITY
- INDIVIDUAL EYEPIECE FOCUS
- PORRO-PRISM SYSTEM
- HD-STABILIZED PRECISION COMPASS





Item No.:	
ARD 30 mm	4230
ARD 50 mm	6450



STEINER'S ANTI-REFLECTION DEVICE (ARD)

STEINER's Anti-Reflection Device (ARD) avoids unwanted reflection of light from optical surfaces.

STEINER's Anti-Reflection Device (ARD)

- fits on every Military 6×30's / 8×30's and Military 7×50's / 10×50's binoculars
- works by a brand new and state-of-the-art technology in the form of a honeycomb.



This sophisticated honeycomb pattern

- enables an almost complete elimination of light reflections on optical surfaces due to an optimal proportion of width and thickness of the honeycombs
- enables an excellent light transmission due to a perfect ratio of distance and thickness of the honeycombs
- assures a stable and rugged structure due to the integrated retaining strips

STEINER's Anti-Reflection Device (ARD) is available along with a brand new binocular or as an add-on kit.





MILITARY 8x30

The STEINER Military 8x30 is the standard binocular of many armies in the world. These binoculars are ideal for many tactical applications under extreme conditions, especially if you're constantly on the move. This STEINER Military 8x30 is lightweight, compact and fits easily in a coat pocket; brilliant optics deliver excellent performance in low light.



Also available with Reticle (R) and/or Laser Protection Filter (LPF).

Advantages

- light weight and easy to handle binocular
- stable view, even on moving vehicles
- large field of view allows perfect observations
- foldable eyepieces suitable for eyeglass- or gasmask wearers

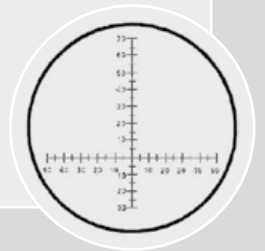
Standard issue binocular for

- Army
- Mobile Units
- Police
- Park Rangers
- Extreme light weight and especially suitable for Infantry Units
- Universally suitable for all
- Military & Governmental Services



OUR OUTSTANDING PRODUCT FEATURES

- EXTREME RUGGEDNESS and LIGHTWEIGHT
- WATER PRESSURE PROOFNESS
- NITROGEN PRESSURE FILLING via 2-WAY-VALVE SYSTEM
- TEMPERATURE RANGE
- LONG LASTING RUBBER AMOURING
- MULTI COATED OPTICS
- RETICLE
- LASER PROTECTION FILTER
- MANAGEABILITY
- INDIVIDUAL EYEPIECE FOCUS
- PORRO-PRISM SYSTEM



Magnification	8x	FOV angular	7.4 °	Precision Reticle	optional
Entrance pupil	30 mm	Interpupillary distance	56 - 74 mm	Laser Protection Filter	optional
Exit pupil	3.75 mm	Temperature range	-40 °C to +80 °C	Quality Level	genuine military
Eye relief	15 mm	Nitrogen-Pressure-Filling	2-way-valve system	Weight Binocular (approx)	530 g
FOV @ 1000 m	≥ 130 m	Water Pressure Proof	up to 5 m	Dimensions H/W/D (approx)	106/170/57 mm

Item No.:	
Standard	5911
LPF (with laser protection filter)	59112
R (with reticle)	5912
R LPF (with reticle & laser protection filter)	59122



MILITARY 7x50

For situations in extreme darkness, the enhanced low light performance of the STEINER Military 7x50 has made this the standard binocular for special naval and military units throughout the world. The 7x50 configuration coupled with STEINER's optical brilliance provide

impressive mid-90% peak light transmission performance for surveillance, navigation and other low-light applications. Meets all applicable military specifications and is durable for a lifetime of high performance. **Also available with Reticle (R) and/or Laser Protection Filter (LPF).**

Advantages

- clear and brilliant pictures even under the most difficult light conditions
- optimal combination of magnification, field of view, and compact dimension allows perfect observations
- foldable eyepieces suitable for eyeglass- or gasmask wearers

Standard issue binocular for

- Army, Navy, Air Force
- Special Seal Teams
- Border Patrol
- Police
- Civil Organisations
- Especially suitable under low light conditions
- Universally suitable for all Military & Governmental Services

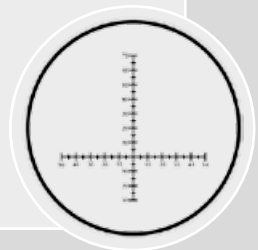
Magnification	7x	FOV angular	7.4 °	Precision Reticle	optional
Entrance pupil	50 mm	Interpupillary distance	56 - 74 mm	Laser Protection Filter	optional
Exit pupil	7.14 mm	Temperature range	-40 °C to +80 °C	Quality Level	genuine military
Eye relief	20 mm	Nitrogen-Pressure-Filling	2-way-valve system	Weight Binocular (approx)	1045 g
FOV @ 1000 m	≥ 130 m	Water Pressure Proof	up to 5 m	Dimensions H/W/D (approx)	140/207/75 mm

Item No.:	
Standard	5971
LPF (with laser protection filter)	59712
R (with reticle)	5972
R LPF (with reticle & laser protection filter)	59722



OUR OUTSTANDING PRODUCT FEATURES

- EXTREME RUGGEDNESS and LIGHTWEIGHT
- WATER PRESSURE PROOFNESS
- NITROGEN PRESSURE FILLING via 2-WAY-VALVE SYSTEM
- TEMPERATURE RANGE
- LONG LASTING RUBBER AMOURING
- MULTI COATED OPTICS
- RETICLE
- LASER PROTECTION FILTER
- MANAGEABILITY
- INDIVIDUAL EYEPIECE FOCUS
- PORRO-PRISM SYSTEM





MILITARY 10x50

When there's the need for power and brightness in a hand held and easily transportable binocular the STEINER Military 10x50 is the best choice. The 10x50's are ideally suited for open terrain, desert, mountainous or hilly country. The R-version is equipped with a special horizontal grid mil reticle. Like all STEINER military binoculars, they're water and shock proof and once the initial focus is set for your eyes, further adjustments for distance won't be necessary.

Also available with Reticle (R) and/or Laser Protection Filter (LPF).

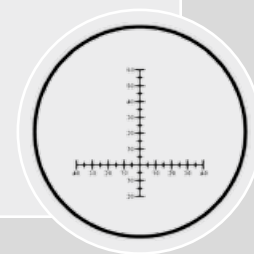


Advantages

- clear and brilliant pictures
- high magnification and compact dimension allows easy identification of objects at great distances
- the big 50 mm objective diameter guarantees bright and sharp pictures

OUR OUTSTANDING PRODUCT FEATURES

- EXTREME RUGGEDNESS and LIGHTWEIGHT
- WATER PRESSURE PROOFNESS
- NITROGEN PRESSURE FILLING via 2-WAY-VALVE SYSTEM
- TEMPERATURE RANGE
- LONG LASTING RUBBER AMOURING
- MULTI COATED OPTICS
- RETICLE
- LASER PROTECTION FILTER
- MANAGEABILITY
- INDIVIDUAL EYEPIECE FOCUS
- PORRO-PRISM SYSTEM



Standard issue binocular for

- Army, Navy, Air Force
- Special Seal Teams
- Police
- Forrest Departments
- Especially suitable for handheld target determination
- Universally suitable for all Military & Governmental Services

Magnification	10x	FOV angular	5.7 °	Precision Reticle	optional
Entrance pupil	50 mm	Interpupillary distance	56 - 74 mm	Laser Protection Filter	optional
Exit pupil	5.00 mm	Temperature range	-40 °C to +80 °C	Quality Level	genuine military
Eye relief	16 mm	Nitrogen-Pressure-Filling	2-way-valve system	Weight Binocular (approx)	1000 g
FOV @ 1000 m	≥ 100 m	Water Pressure Proof	up to 5 m	Dimensions H/W/D (approx)	127/207/75 mm

Item No.:	
Standard	5951
LPF (with laser protection filter)	59512
R (with reticle)	5952
R LPF (with reticle & laser protection filter)	59522

Magnification	15x	FOV angular	3,7 °	Precision Reticle	optional
Entrance pupil	80 mm	Interpupillary distance	56 - 74 mm	Laser Protection Filter	optional
Exit pupil	5,33 mm	Temperature range	-40 °C to +80 °C	Quality Level	genuine military
Eye relief	11 mm	Nitrogen-Pressure-Filling	2-way-valve system	Weight Binocular (approx)	1930 g
FOV @ 1000 m	≥ 65 m	Water Pressure Proof	up to 5 m	Dimensions H/W/D (approx)	295/225/97 mm

Item No.:	
Standard	5961
LPF (with laser protection filter)	59612
R (with reticle)	5962
R LPF (with reticle & laser protection filter)	59622



MILITARY 15x80

For tactical observers these high power binoculars are easy to use, give a better view and offer a lot more comfort during extended use than spotting scopes. Furthermore the 80 mm objective lenses, combined with STEINER's legendary optics, deliver far superior low-light performance. These STEINER Military 15x80 binoculars were originally developed for perimeter and border patrol applications and are mil. spec. tough: totally waterproof, shock resistant and rubber armored. A tripod mount is also included, but this binocular is light enough to be hand held.

Also available with Reticle (R) and/or Laser Protection Filter (LPF).

Advantages

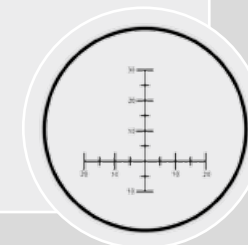
- bright and clear view due to large objective diameter
- highest magnification for precise observation of distant objects even at a distance of several kilometers

Standard issue binocular for

- Border observation
- Airports, Airspace Monitoring
- Special Seal Teams
- Artillery
- Forrest Departments
- Especially suitable for extreme distances

OUR OUTSTANDING PRODUCT FEATURES

- EXTREME RUGGEDNESS and LIGHTWEIGHT
- WATER PRESSURE PROOFNESS
- NITROGEN PRESSURE FILLING via 2-WAY-VALVE SYSTEM
- TEMPERATURE RANGE
- LONG LASTING RUBBER AMOURING
- MULTI COATED OPTICS
- RETICLE
- LASER PROTECTION FILTER
- MANAGEABILITY
- INDIVIDUAL EYEPIECE FOCUS
- PORRO-PRISM SYSTEM



MILITARY 20×80

For tactical observers these high power binoculars are easy to use, give a better view and offer a lot more comfort during extended use than spotting scopes. And



the 80 mm objective lenses, combined with STEINER's legendary optics, deliver far superior low-light performance. These STEINER Military 20×80 binoculars were originally developed for perimeter and border patrol applications and are mil. spec. tough: totally waterproof, shock resistant and rubber armoured. A tripod mount is also included, but this binocular is light enough to be hand held.

Also available with Reticle (R) and/or Laser Protection Filter (LPF).

Advantages

- bright and clear view due to large objective diameter
- highest magnification for precise observation of distant objects even at a distance of several kilometers

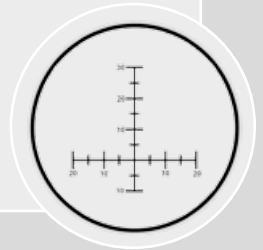
Standard issue binocular for

- Border observation
- Airports, Airspace Monitoring
- Special Seal Teams
- Artillery
- Forrest Departments
- Especially suitable for extreme distances



OUR OUTSTANDING PRODUCT FEATURES

- EXTREME RUGGEDNESS and LIGHTWEIGHT
- WATER PRESSURE PROOFNESS
- NITROGEN PRESSURE FILLING via 2-WAY-VALVE SYSTEM
- TEMPERATURE RANGE
- LONG LASTING RUBBER AMOURING
- MULTI COATED OPTICS
- RETICLE
- LASER PROTECTION FILTER
- MANAGEABILITY
- INDIVIDUAL EYEPIECE FOCUS
- PORRO-PRISM SYSTEM



Magnification	20×	FOV angular	3.1 °	Precision Reticle	optional
Entrance pupil	80 mm	Interpupillary distance	56 - 74 mm	Laser Protection Filter	optional
Exit pupil	4.00 mm	Temperature range	-40 °C to +80 °C	Quality Level	genuine military
Eye relief	15 mm	Nitrogen-Pressure-Filling	2-way-valve system	Weight Binocular (approx)	1930 g
FOV @ 1000 m	≥ 53 m	Water Pressure Proof	up to 5 m	Dimensions H/W/D (approx)	295/225/97 mm

Item No.:	
Standard	5381
LPF (with laser protection filter)	53812
R (with reticle)	5382
R LPF (with reticle & laser protection filter)	53822





TACTICAL 10x42 R

STEINER has developed a compact Tactical & Military Binocular incorporating the newly developed SUMR targeting reticle system. Using new optical system formulations, fully multi-coated optics and a completely shock and waterproof housing, the STEINER Tactical

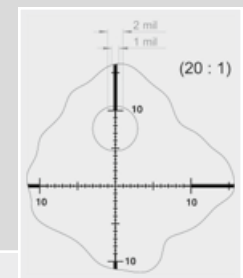
10x42 R binocular delivers a new standard of performance in a tactical binocular allowing faster and more accurate communications between the spotter/observer and weapons delivery personnel.

By building the universal reticle into a 10x42 Roof Prism Binocular, STEINER is able to offer a smaller, rugged and lightweight binocular in a power that matches the favored magnification used in many of the newer 10x Military rifle scopes used by Army, Air and Marine SOF and LE Forces on rifles in calibers from 5.56 thru .50 BMG and beyond. The reticle is based on the standard Mil System. The binocular reticle is truly a multi-role tool since the reticle's mil graduations combine standard 5 & 10 mil increments that reduce down to single and split mils towards the center of the view area enabling the user to effectively accomplish observations, coordinate direct and indirect small arms fire.

The 10x42 R also features a new ergonomically designed housing and a special rubberized armor covering to protect the binocular from the harshest conditions.

Standard issue binocular for

- Police
- Customs
- Prisons
- Especially suitable for handheld routine surveillance



Also available as 8x24 and 10x28.
More technical information on page 30.

Magnification	10x	Interpupillary distance	56 - 74 mm	Close Focus Range	2 m
Entrance pupil	42 mm	Temperature range	-20 °C to +70 °C	Precision Reticle	SUMR
Exit pupil	4.20 mm	Nitrogen-Pressure-Filling	2-way-valve system	Quality Level	standard
Eye relief	16 mm	Water Pressure Proof	up to 2 m	Weight Binocular (approx)	758 g
FOV @ 1000 m	≥ 105 m	Prism System	roof	Dimensions H/W/D (approx)	167/125/64 mm

Item No.:	
Standard	2005
R (with reticle)	2006



POLICE 10x50

Higher in power with the same attention to detail and brightness as the Police 7x50. The STEINER Police 10x50 is perfect for patrol use as well as tactical view-

ing or surveillance from buildings or rooftops where close-up detail and magnification are critical. Built to rugged specifications, the durable Police 10x50 will offer the user bright images in all light conditions and the added power to identify suspects or clearly read hazardous material placards at a distance.

OUR OUTSTANDING PRODUCT FEATURES

- LONG LASTING RUBBER AMOURING
- MANAGEABILITY
- INDIVIDUAL EYEPIECE FOCUS
- PORRO-PRISM SYSTEM

Also available as 7x50.

More technical information on page 30.



Standard issue binocular for

- Police
- Customs
- Prisons
- Especially suitable for handheld routine surveillance

Magnification	10x	FOV @ 1000 m	≥ 100 m	Water Pressure Proof	rain proof
Entrance pupil	50 mm	FOV angular	5.7 °	Prism System	porro
Exit pupil	5.00 mm	Interpupillary distance	56 - 74 mm	Quality Level	standard
Eye relief	16 mm	Temperature range	-20 °C to +70 °C	Weight Binocular (approx)	1000 g

Dimensions H/W/D (approx)	127/207/75 mm
Item No.:	
Standard	4832

Magnification	8x	FOV @ 1000 m	≥ 112 m	Water Pressure Proof	rain proof
Entrance pupil	56 mm	FOV angular	6.4 °	Prism System	porro
Exit pupil	7.00 mm	Interpupillary distance	56-75 mm	Quality Level	standard
Eye relief	17.6 mm	Temperature range	-20 °C to +70 °C	Weight Binocular (approx)	1075 g

Dimensions H/W/D (approx)	195/195/80 mm
Item No.:	
Standard	4836



Standard issue binocular for

- Police
- Customs
- Prisons
- Especially suitable for handheld routine surveillance

OUR OUTSTANDING PRODUCT FEATURES

- LONG LASTING RUBBER AMOURING
- MANAGEABILITY
- INDIVIDUAL EYEPIECE FOCUS
- PORRO-PRISM SYSTEM

POLICE 8x56

Many tactical observers are discovering these binoculars are easy to use, give them a better view and offer a lot more comfort during extended use than spotting scopes. The 56-mm objective lenses, combined with STEINER's legendary optics, deliver far superior low-light performance and a wide viewing field with extraordinary resolution for clear and brilliant pictures.



Police 8x56

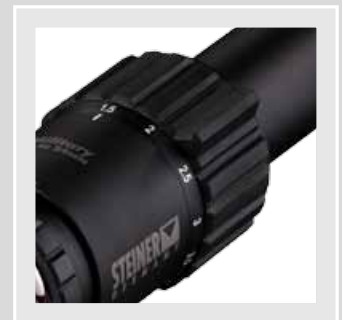
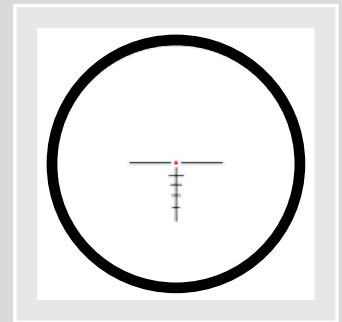


TELESCOPIC SIGHT: TACTICAL 1-4x24 mm

The STEINER Telescopic Sight Tactical 1-4x24 mm is the perfect optic for assault weapons and CQB engagements. With a true 1x magnification, the user can easily shoot with both eyes open for better situational awareness. The ballistic reticle was specially developed for both accurate ranging and quick target recognition.

Advantages

- Broad band Anti Reflection coated optic guarantee a maximum light transmission of greater than 90 %.
- 4x zoom factor provides a scope which has both a wide field of view at low power plus the ability to zoom up and bring far objects into clear focus.
- A rugged 30 mm compact 1-pc main tube construction.
- Integrated rotary side focus and digital illumination system knobs mounted on the turret for comfort and ease of use with or without gloves on.
- 11 Illumination steps (7 Night & 4 Day) with two off-positions at each end, plus 10 standby (light-off) settings.
- Reticle in the second focal plane.
- Illuminated, glass etched STEINER Rapid DOT.
- Fully waterproof to 10 meters.
- Shock proof to 900 G's.
- Nitrogen filled to be fog proof inside.
- Aircraft grade machined aluminum knobs for positive grip and durability in all conditions.



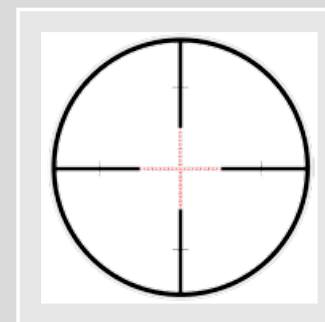
Magnification	1-4x	Focal Plane Location	Second focal plane	Elevation Range @ 100 m	93 cm (9.3 mils)
Objective Size	24 mm	Reticle	STEINER Rapid DOT	Windage Adjustment Increment	1 cm (0.10 mrad)
Magnification Change	4x	Illumination	Rotary Digital Control	Windage Range @ 100 m	± 46 cm (4.6 mils)
Field of View @ 100 m	≥ 37.6 – 9.09 m	Operating Temperature	-25 °C / +63 °C	Parallax (Focus) Adjustment Knob	-
Exit Pupil	11.5 – 6.0 mm	Storage Temperature	-35 °C / +70 °C	Parallax (Focus) Adjustment	Fix at 100 m
Eye Relief	85 – 95 mm	Weight with caps (without caps)	630 g (600 g)		
Twilight Factor	3.4 – 9.8	Length	290 mm (at 0 diopter)		
Battery	CR 2450	Elevation Adjustment Increment	1 cm (0.10 mrad)	Item No.	
Diopter Setting	+2 to -3 diopters	Elevation Adjustment	Knob Resettable to Zero with Wrench Visual & Tactile Indication of Turns	STEINER Rapid DOT 5.56	8785900208
Tube Diameter	30 mm			STEINER Rapid DOT 7.62	8785900201

TELESCOPIC SIGHT: TACTICAL 3-12×50 mm

The STEINER Telescopic Sight Tactical 3-12×50 mm is the ideal choice for multiple tactical scenarios. Professional ruggedness and precise and well thought-out controls allow successful deployment under all weather conditions.

Advantages

- Broad band Anti Reflection coated optic guarantee a maximum light transmission of greater than 90 %.
- 4× zoom factor provides a scope which has both a wide field of view at low power plus the ability to zoom up and bring far objects into clear focus.
- A rugged 34 mm compact 1-pc main tube construction.
- Integrated rotary knob system with digital illumination and parallax adjustment combined in left side turret for comfort and ease of use with or without gloves on.
- Illuminated, glass etched Mil-Dot reticle.
- 11 Illumination steps (7 Night & 4 Day) with two off-positions at each end, plus 10 standby (light-off) settings.
- Front focal plane, so sub-tension remains unchanged over the magnification range for quick and easy target identification and accuracy.
- Fully waterproof to 5 meters.
- Shock proof to 900 G's.
- Nitrogen filled to be fog proof inside.
- Aircraft grade machined aluminum knobs for positive grip and durability in all conditions.



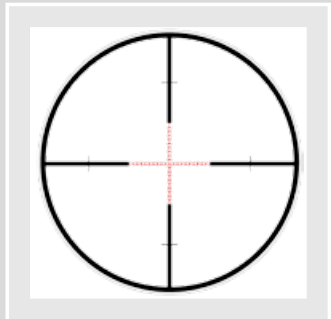
Magnification	3-12×	Tube Diameter	34 mm	Elevation Adjustment	Knob Resettable to Zero with Wrench
Objective Size	50 mm	Focal Plane Location	First focal plane	Elevation Range @ 100 m	195 cm (19.5 mils)
Magnification Change	4×	Reticle	STEINER G2B Mil-Dot *	Windage Adjustment Increment	1 cm (0.10 mrad)
Field of View @ 100 m	≥ 10.9 – 2.9 m	Illumination	Rotary Digital Control	Windage Range @ 100 m	± 47 cm (4.7 mils)
Exit Pupil	13.0 – 4.5 mm	Operating Temperature	-25 °C / +63 °C	Parallax (Focus) Adjustment Knob	Side mounted, Rotary
Eye Relief	77 – 96 mm	Storage Temperature	-35 °C / +70 °C	Parallax (Focus) Adjustment	50 m to Infinity
Twilight Factor	11.6 – 24.5	Weight with caps (without caps)	980 g (950 g)	Item No.	8782900101
Battery	CR 2450	Length	395 mm (at 0 diopter)	* Other reticles available per special request.	
Diopter Setting	+2 to -3 diopters	Elevation Adjustment Increment	1 cm (0.10 mrad)		

TELESCOPIC SIGHT: TACTICAL 3-12×56 mm

The STEINER Telescopic Sight Tactical 3-12×56 mm provides the same ruggedness and reliability as the 3-12×50, but offers increased performance in low light conditions. The 56 mm objective lens provides extra light transmission in all conditions and situations.

Advantages

- Broad band Anti Reflection coated optic guarantee a maximum light transmission of greater than 90 %.
- 56 mm objective for ultimate visibility even in lowest light conditions.
- 4× zoom factor provides a scope which has both a wide field of view at low power plus the ability to zoom up and bring far objects into clear focus.
- Fully waterproof to 5 meters.
- Shock proof to 900 G's.
- Nitrogen filled to be fog proof inside.
- Integrated rotary knob system with digital illumination and parallax adjustment combined in left side turret for comfort and ease of use with or without gloves on.
- A rugged 34 mm compact 1-pc main tube construction.
- 11 Illumination steps (7 Night & 4 Day) with two off-positions at each end, plus 10 standby (light-off) settings.
- Front focal plane, so sub-tension remains unchanged over the magnification range for quick and easy target identification and accuracy.
- Aircraft grade machined aluminum knobs for positive grip and durability in all conditions.



Magnification	3-12×	Tube Diameter	34 mm	Elevation Adjustment	Knob Resettable to Zero with Wrench Visual & Tactile Indication of Turns
Objective Size	56 mm	Focal Plane Location	First focal plane	Elevation Range @ 100 m	195 cm (19.5 mils)
Magnification Change	4×	Reticle	STEINER G2B Mil-Dot *	Windage Adjustment Increment	1 cm (0.10 mrad)
Field of View @ 100 m	≥ 10.9 - 2.9 m	Illumination	Rotary Digital Control	Windage Range @ 100 m	± 47 cm (4.7 mils)
Exit Pupil	13.0 - 4.5 mm	Operating Temperature	-25 °C / +63 °C	Parallax (Focus) Adjustment Knob	Side mounted, Rotary
Eye Relief	77 - 96 mm	Storage Temperature	-35 °C / +70 °C	Parallax (Focus) Adjustment	50 m to Infinity
Twilight Factor	11.5 - 25.9	Weight with caps (without caps)	1035 g (1005 g)	Item No.	8783900101
Battery	CR 2450	Length	395 mm (at 0 diopter)	* Other reticles available per special request.	
Diopter Setting	+2 to -3 diopters	Elevation Adjustment Increment	1 cm (0.10 mrad)		

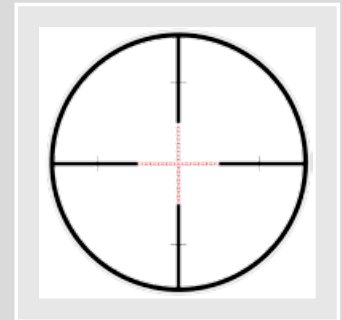


TELESCOPIC SIGHT: TACTICAL 4-16 × 50 mm

The STEINER Telescopic Sight Tactical 4-16×50 mm is made for locating, identifying and engaging targets at long distances. Outstanding optical excellence combined with extreme ruggedness ensure brilliant performance that tactical shooters can rely on.

Advantages

- Broad band Anti Reflection coated optic guarantee a maximum light transmission of greater than 90 %.
- 4× zoom factor provides a scope which has both a wide field of view at low power plus the ability to zoom up and bring far objects into clear focus.
- A rugged 34 mm compact 1-pc main tube construction.
- Integrated rotary knob system with digital illumination and parallax adjustment combined in left side turret for comfort and ease of use with or without gloves on.
- 11 Illumination steps (7 Night & 4 Day) with two off-positions at each end, plus 10 standby (light-off) settings.
- Front focal plane, so sub-tension remains unchanged over the magnification range for quick and easy target identification and accuracy.
- Illuminated, glass etched Mil-Dot reticle.
- Fully waterproof to 5 meters.
- Shock proof to 900 G's.
- Nitrogen filled to be fog proof inside.
- Aircraft grade machined aluminum knobs for positive grip and durability in all conditions.



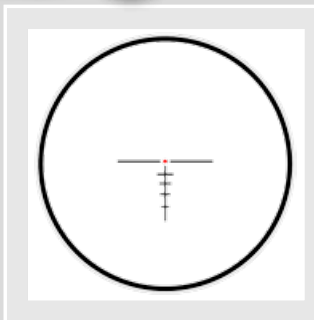
Magnification	4-16×	Tube Diameter	34 mm	Elevation Adjustment	Knob Resettable to Zero with Wrench
Objective Size	50 mm	Focal Plane Location	First focal plane	Elevation Range @ 100 m	195 cm (19.5 mils)
Magnification Change	4×	Reticle	STEINER G2B Mil-Dot *	Windage Adjustment Increment	1 cm (0.10 mrad)
Field of View @ 100 m	≥ 8.7 - 2.4 m	Illumination	Rotary Digital Control	Windage Range @ 100 m	± 47 cm (4.7 mils)
Exit Pupil	12.5 - 3.1 mm	Operating Temperature	-25 °C / +63 °C	Parallax (Focus) Adjustment Knob	Side mounted, Rotary
Eye Relief	77 - 90 mm	Storage Temperature	-35 °C / +70 °C	Parallax (Focus) Adjustment	50 m to Infinity
Twilight Factor	14.1 - 28.3	Weight with caps (without caps)	995 g (965 g)	Item No.	8781900101
Battery	CR 2450	Length	409 mm (at 0 diopter)	* Other reticles available per special request.	
Diopter Setting	+2 to -3 diopters	Elevation Adjustment Increment	1 cm (0.10 mrad)		

TELESCOPIC SIGHT: MILITARY 1-5×24 mm

5× zoom range factor provides a scope which combines wide field of view at low magnification plus the enhanced ability to zoom up and bring far objects into clear focus. With a true 1× magnification, the user can easily shoot with both eyes open for better situational awareness. The ballistic reticle was specially developed for both accurate ranging and quick target recognition.

Advantages

- Broad band Anti Reflection coated optic guarantee a maximum light transmission of greater than 90 %.
- 5× zoom factor provides a scope which has both a wide field of view at low power plus the ability to zoom up and bring far objects into clear focus.
- A rugged 30 mm compact 1-pc main tube construction.
- 11 Illumination steps (7 Night & 4 Day) with two off-positions at each end, plus 10 standby (light-off) settings.
- Integrated rotary side focus and digital illumination system knobs mounted on the turret for comfort and ease of use with or without gloves on.
- Reticle in the second focal plane.
- Illuminated, glass etched STEINER Rapid DOT.
- Fast focus eyepiece.
- Fully waterproof to 10 meters.
- Aircraft grade machined aluminum knobs for positive grip and durability in all conditions.
- Manufactured in Germany.



Magnification	1-5×	Focal Plane Location	Second focal plane	Elevation Range @ 100 m	320 cm (32.0 mils)
Objective Size	24 mm	Reticle	STEINER Rapid DOT	Windage Adjustment Increment	1 cm (0.10 mrad)
Magnification Change	5×	Illumination	Rotary Digital Control	Windage Range @ 100 m	± 160 cm (16.0 mils)
Field of View @ 100 m	≥ 36.0 - 7.2 m	Operating Temperature	-25 °C / +63 °C	Parallax (Focus) Adjustment Knob	-
Exit Pupil	11.5 - 4.8 mm	Storage Temperature	-35 °C / +70 °C	Parallax (Focus) Adjustment	Fix at 100 m
Eye Relief	90 mm	Weight with caps (without caps)	585 g (555 g)		
Twilight Factor	4.9 - 10.9	Length	≤ 295 mm (at 0 diopter)		
Battery	CR 2450	Elevation Adjustment Increment	1 cm (0.10 mrad)	Item No.	
Diopter Setting	+2 to -3 diopters	Elevation Adjustment	Knob Resettable to Zero Visual & Tactile Indication of Turns Wrench	STEINER Rapid DOT 5.56	8706004208
Tube Diameter	30 mm			STEINER Rapid DOT 7.62	8706001203

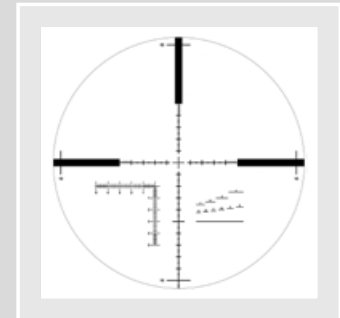
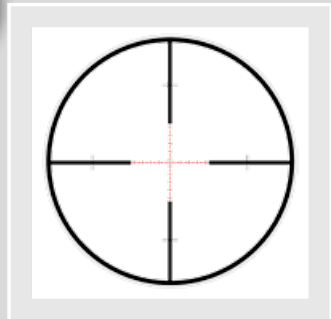
TELESCOPIC SIGHT: MILITARY 3-15×50 mm

5× zoom range factor provides a scope which combines wide field of view at low magnification plus the enhanced ability to zoom up and bring far objects into clear focus. The 15× magnification enables the shooter for precise target identification even at very long distance.

Advantages

- Broad band Anti Reflection coated optic guarantee a maximum light transmission of greater than 90 %.
- A rugged 34 mm compact 1-pc main tube construction.
- Integrated rotary side focus and digital illumination system knobs mounted on the turret for comfort and ease of use with or without gloves on.
- Elevation knob designed to provide both visual and tactile indication of rotational position.

- Eye relief does not vary appreciable over power range. The image remains sharp and focused over the entire field of view.
- Front focal plane, so sub-tension remains unchanged over the magnification range for quick and easy target identification and accuracy.
- 11 Illumination steps (7 Night & 4 Day) with two off-positions at each end, plus 10 standby (light-off) settings.
- The illuminated, glass etched Mil-Dot or MSR reticle is designed to provide a means to determine both bullet drop plus measurement capability regardless of day or night light conditions.
- Fast focus eyepiece.
- Fully waterproof to 10 meters.
- Aircraft grade machined aluminum knobs for positive grip and durability in all conditions.
- Manufactured in Germany.



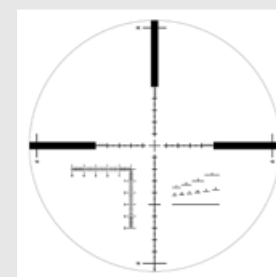
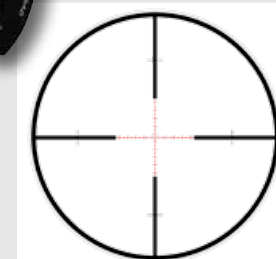
Magnification	3-15×	Focal Plane Location	First focal plane	Elevation Range @ 100 m	260 cm (26.0 mils)
Objective Size	50 mm	Reticle	STEINER G2B Mil-Dot / MSR	Windage Adjustment Increment	1 cm (0.10 mrad)
Magnification Change	5×	Illumination	Rotary Digital Control	Windage Range @ 100 m	± 60 cm (6.0 mils)
Field of View @ 100 m	≥ 12.1 - 1.43 m	Operating Temperature	-25 °C / +63 °C	Parallax (Focus) Adjustment Knob	Side mounted, Rotary
Exit Pupil	9.8 - 2.4 mm	Storage Temperature	-35 °C / +70 °C	Parallax (Focus) Adjustment	50 m to Infinity
Eye Relief	90 mm	Weight with caps (without caps)	920 g (860 g)		
Twilight Factor	12.4 - 27.4	Length	≤ 360 mm (at 0 diopter)		
Battery	CR 2450	Elevation Adjustment Increment	1 cm (0.10 mrad)	Item No.	
Diopter Setting	+2 to -3 diopters	Elevation Adjustment	Knob Resettable to Zero Visual & Tactile Indication of Turns Wrench	G2B	8707000101
Tube Diameter	34 mm			MSR	8707000102

TELESCOPIC SIGHT: MILITARY 5-25x56 mm

The STEINER Telescopic Sight Military 5-25x56 mm is a scope with an extremely high magnification, designed for use on long range tactical and sniper rifles. High magnification and elevation travel allow to extend the practical shooting range beyond 1,500 meters. The 5x zoom makes it extremely versatile, while the large 56 mm objective provides outstanding visibility even in lowest light conditions.

Advantages

- Broad band Anti Reflection coated optic guarantee a maximum light transmission of greater than 90 %.
- 5x zoom erectors offer higher flexibility with both a wide field of view at low power plus the ability to zoom up and bring far objects into clear focus extended elevation travel for precise targeting beyond 1,500 m.
- A rugged 34 mm compact 1-pc main tube construction.
- Integrated rotary knob system with digital illumination and parallax adjustment combined in left side turret for comfort and ease of use with or without gloves on.
- 11 Illumination steps (7 Night & 4 Day) with two off-positions at each end, plus 10 standby (light-off) settings.
- Front focal plane, so sub-tension remains unchanged over the magnification range for quick and easy target identification and accuracy.
- The illuminated, glass etched Mil-Dot or MSR reticle is designed to provide a means to determine both bullet drop plus measurement capability regardless of day or night light conditions.
- Fully waterproof to 10 meters.
- Shock proof to 900 G's.
- Nitrogen filled to be fog proof inside.
- Aircraft grade machined aluminum knobs for positive grip and durability in all conditions.
- Manufactured in Germany.



Magnification	5-25x	Focal Plane Location	First focal plane	Elevation Range @ 100 m	260 cm (26.0 mils)
Objective Size	56 mm	Reticle	STEINER G2B Mil-Dot/MSR	Windage Adjustment Increment	1 cm (0.10 mrad)
Magnification Change	5x	Illumination	Rotary Digital Control	Windage Range @ 100 m	± 60 cm (6.0 mils)
Field of View @ 100 m	≥ 7.23 - 1.43 m	Operating Temperature	-25 °C / +63 °C	Parallax (Focus) Adjustment Knob	Side mounted, Rotary
Exit Pupil	9.80 - 2.24 mm	Storage Temperature	-35 °C / +70 °C	Parallax (Focus) Adjustment	50 m to Infinity
Eye Relief	90 mm	Weight with caps (without caps)	≤ 1030 g (1000 g)		
Twilight Factor	15.65 - 37.4	Length	422 mm (at 0 diopter)		
Battery	CR 2450	Elevation Adjustment Increment	1 cm (0.10 mrad)	Item No.	
Diopter Setting	+2 to -3 diopters	Elevation Adjustment	Knob Resettable to Zero with Wrench Visual & Tactile Indication of Turns	G2B	8704000101
Tube Diameter	34 mm			MSR	8704000102

TECHNICAL CHARACTERISTICS OVERVIEW

	TACTICAL 1-4x24 mm	TACTICAL 3-12x50 mm / 3-12x56 mm	TACTICAL 4-16x50 mm	MILITARY 1-5x24 mm	MILITARY 3-15x50 mm	MILITARY 5-25x56 mm
						
Magnification	1-4x	3-12x	4-16x	1-5x	3-15x	5-25x
Objective Size	24 mm	50 / 56 mm	50 mm	24 mm	50 mm	56 mm
Magnification Change	4x	4x	4x	5x	5x	5x
Exit pupil	11.5 – 6.0 mm	13.0 – 4.5 mm	12.5 – 3.1 mm	11.5 – 4.8 mm	9.8 – 2.4 mm	9.80 – 2.24 mm
Eye relief	85 – 95 mm	77 – 96 mm	77 – 90 mm	90 mm	90 mm	90 mm
FOV @ 100 m	≥ 37.6 – 9.09 m	≥ 10.9 – 2.9 m	≥ 8.7 – 2.4 m	≥ 36.0 – 7.2 m	≥ 12.1 – 1.43 m	≥ 7.23 – 1.43 m
Twilight Factor	3.4 – 9.8	11.6 – 24.5 / 11.5 – 25.9	14.1 – 28.3	4.9 – 10.9	12.2 – 27.4	15.65 – 37.4
Battery	CR 2450	CR 2450	CR 2450	CR 2450	CR 2450	CR 2450
Diopter Setting	+2 to -3 diopters	+2 to -3 diopters	+2 to -3 diopters	+2 to -3 diopters	+2 to -3 diopters	+2 to -3 diopters
Tube Diameter	30 mm	34 mm	34 mm	30 mm	34 mm	34 mm
Focal Plane Location	Second focal plane	First focal plane	First focal plane	Second focal plane	First focal plane	First focal plane
Reticle	Rapid DOT 308	G2B Mil-Dot *	G2B Mil-Dot *	Rapid DOT	G2B Mil-Dot / MSR *	G2B Mil-Dot / MSR *
Illumination	Rotary Digital Control	Rotary Digital Control	Rotary Digital Control	Rotary Digital Control	Rotary Digital Control	Rotary Digital Control
Operating Temperature	-25 °C / +63 °C	-25 °C / +63 °C	-25 °C / +63 °C	-25 °C / +63 °C	-25 °C / +63 °C	-25 °C / +63 °C
Storage Temperature	-35 °C / +70 °C	-35 °C / +70 °C	-35 °C / +70 °C	-35 °C / +70 °C	-35 °C / +70 °C	-35 °C / +70 °C
Weight with caps (without caps)	630 g (600 g)	980 g (950 g) / 1035 g (1005 g)	995 g (965 g)	585 g (555 g)	920 g (860 g)	≤ 1030 g (1000 g)
Length (at 0 diopter)	290 mm	395 mm	409 mm	≤ 295 mm	≤ 360 mm	422 mm
Elevation Adjustment Increment	1 cm (0.10 mrad)	1 cm (0.10 mrad)	1 cm (0.10 mrad)	1 cm (0.10 mrad)	1 cm (0.10 mrad)	1 cm (0.10 mrad)
Elevation Adjustment	Knob Resetttable to Zero with Wrench Visual & Tactile Indication of Turns	Knob Resetttable to Zero with Wrench Visual & Tactile Indication of Turns	Knob Resetttable to Zero with Wrench Visual & Tactile Indication of Turns	Knob Resetttable to Zero with Wrench Visual & Tactile Indication of Turns	Knob Resetttable to Zero with Wrench Visual & Tactile Indication of Turns	Knob Resetttable to Zero with Wrench Visual & Tactile Indication of Turns
Elevation Range @ 100 m	93 cm (9.3 mils)	195 cm (19.5 mils)	195 cm (19.5 mils)	320 cm (32.0 mils)	260 cm (26.0 mils)	260 cm (26.0 mils)
Windage Adjustment Increment	1 cm (0.10 mrad)	1 cm (0.10 mrad)	1 cm (0.10 mrad)	1 cm (0.10 mrad)	1 cm (0.10 mrad)	1 cm (0.10 mrad)
Windage Range @ 100 m	± 46 cm (4.6 mils)	± 47 cm (4.7 mils)	± 47 cm (4.7 mils)	± 160 cm (16.0 mils)	± 60 cm (6.0 mils)	± 60 cm (6.0 mils)
Parallax (Focus) Adjustment Knob	-	Side mounted, Rotary	Side mounted, Rotary	-	Side mounted, Rotary	Side mounted, Rotary
Parallax (Focus) Adjustment	Fix at 100 m	50 m to Infinity	50 m to Infinity	Fix at 100 m	50 m to Infinity	50 m to Infinity
Item No.:	5.56: 8785900208 7.62: 8785900201	8782900101 / 8783900101	8781900101	5.56: 8706004208 7.62: 8706001203	G2B: 8707000101 MSR: 8707000102	G2B: 8704000101 MSR: 8704000102

* Other reticles available per special request.

TECHNICAL CHARACTERISTICS OVERVIEW

	MILITARY 8×30 R LRF	MILITARY 10×50 R LRF	COMMANDER MILITARY 7×50 C	MILITARY 8×30	MILITARY 7×50 / 10×50	MILITARY 15×80	MILITARY 20×80
							
Magnification	8×	10×	7×	8×	7× / 10×	15×	20×
Entrance pupil	30 mm	50 mm	50 mm	30 mm	50 mm	80 mm	80 mm
Exit pupil	3.75 mm	5.00 mm	7.14 mm	3.75 mm	7.14 / 5.00 mm	5.33 mm	4.00 mm
Eye relief	15.8 mm	15.8 mm	20 mm	15 mm	20 / 16 mm	11 mm	15 mm
FOV @ 1.000 m	114 m	≥ 106 m	≥ 130 m	≥ 130 m	≥ 130 / ≥ 100 m	≥ 65 m	≥ 53 m
FOV angular	6,5°	6,1°	7.4°	7.4°	7.4° / 5.7°	3.7°	3.1°
Interpupillary distance	56 – 74 mm	56 – 74 mm	56 – 74 mm	56 – 74 mm	56 – 74 mm	56 – 74 mm	56 – 74 mm
Temperature range	-40 °C to +80 °C	-40 °C to +80 °C	-40 °C to +80 °C	-40 °C to +80 °C	-40 °C to +80 °C	-40 °C to +80 °C	-40 °C to +80 °C
Nitrogen-Pressure-Filling	2-way-valve system	2-way-valve system	2-way-valve system	2-way-valve system	2-way-valve system	2-way-valve system	2-way-valve system
Water Pressure Proof	up to 5 m	up to 5 m	up to 5 m	up to 5 m	up to 5 m	up to 5 m	up to 5 m
Prism System	porro	porro	porro	porro	porro	porro	porro
Compass	-	-	HD-stabilized	-	-	-	-
Rose	-	-	360° / 6400 mil	-	-	-	-
Graduation	-	-	± 1° / ± 20 mil	-	-	-	-
Compass exactness	-	-	± 1° / ± 20 mil	-	-	-	-
Angle of inclination	-	-	± 7°	-	-	-	-
Close Focus Range	-	-	-	-	-	-	-
Precision Reticle	-	-	+	optional	optional	optional	optional
Laser Protection Filter	-	-	optional	optional	optional	optional	optional
Quality Level	-	-	genuine military	genuine military	genuine military	genuine military	genuine military
Weight Binocular	750 g	1270 g	1125 g	530 g	1045 g / 1000 g	1930 g	1930 g
Dimensions H/W/D	114/170/70 mm	137/207/100 mm	140/207/95 mm	106/107/57 mm	140/207/75 mm 127/207/75 mm	295/225/97 mm	295/225/97 mm
Item No.:							
Standard	5915	5954	5502	5911	5971 / 5951	5961	5381
LPF with laser protection filter	-	-	55022	59112	59712 / 59512	59612	53812
R with reticle	-	-	-	5912	5972 / 5952	5962	5382
RLPF with reticle & laser protection filter	-	-	-	59122	59722 / 59522	59622	53822

TECHNICAL CHARACTERISTICS OVERVIEW

	TACTICAL 8×24	TACTICAL 10×28	TACTICAL 10×42 / 10×42 R	POLICE 7×50	POLICE 10×50	POLICE 8×56
						
Magnification	8×	10×	10×	7×	10×	8×
Entrance pupil	24 mm	28 mm	42 mm	50 mm	50 mm	56 mm
Exit pupil	3 mm	2.8 mm	4.20 mm	7.14 mm	5 mm	7 mm
Eye relief	14 mm	14 mm	16 mm	20 mm	16 mm	17.6 mm
FOV @ 1.000 m	≥ 114 m	≥ 88 m	≥ 105 m	≥ 118 m	≥ 100 m	≥ 112 m
FOV angular	6,5°	5,0°	6,0°	6,8°	5,7°	6,4°
Interpupillary distance	56 – 74 mm	56 – 72 mm	56 – 74 mm	56 – 74 mm	56 – 74 mm	56 – 75 mm
Temperature range	-20 °C to +70 °C	-20 °C to +70 °C	-20 °C to +70 °C	-20 °C to +70 °C	-20 °C to +70 °C	-20 °C to +70 °C
Nitrogen-Pressure-Filling	2-way-valve system	2-way-valve system	2-way-valve system	-	-	-
Water Pressure Proof	up to 2 m	up to 2 m	up to 2 m	rain proof	rain proof	rain proof
Prism System	roof	roof	roof	porro	porro	porro
Compass	-	-	-	-	-	-
Rose	-	-	-	-	-	-
Graduation	-	-	-	-	-	-
Compass exactness	-	-	-	-	-	-
Angle of inclination	-	-	-	-	-	-
Close Focus Range	2 m	2 m	2 m	-	-	-
Precision Reticle	-	-	- / SUMR	-	-	-
Laser Protection Filter	-	-	-	-	-	-
Quality Level	standard	standard	standard	standard	standard	standard
Weight Binocular	357 g	360 g	758 g	1030 g	1000 g	1075 g
Dimensions H/W/D	121/107/48 mm	130/116/48 mm	167/125/64 mm	140/207/75 mm	127/207/75 mm	195/195/80 mm
Item No.:						
Standard	2003	2004	2005	4831	4832	4836
LPF with laser protection filter	-	-	-	-	-	-
R with reticle	-	-	2006	-	-	-
RLPF with reticle & laser protection filter	-	-	-	-	-	-

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