

OBSERVATION OPTICS

SPOTTER 60 / SPOTTER 45

Three key features make the 20–60x72 spotting scope, or Spotter 60, from Cassidian Optronics the ideal instrument for the observation and identification of objects, and target hit monitoring: high magnification (20x to 60x), a 72 mm lens and a MIL-DOT reticle with continuously adjustable illumination whose size changes congruent with the magnification level.

To make these excellent optics available for a wider range of applications, we also offer the Spotter 45 which features variable magnification of 15–45x. In hot climates, in particular, the beginning magnification of 20x on the Spotter 60 is often not beneficial because of disturbances by mirage.

Main features & benefits

- Magnification range of 20x–60x / 15x–45x
- Bright, high-contrast image at all magnification levels
- Continuously adjustable illumination whose size changes congruent with the magnification
- Compact design for concealed observation, rubber armouring also available sand coloured

1 Up to five Picatinny rails to attach additional equipment

2 RSA-S as optional fast sight



4 The automatic brightness memory permits fast selection of the already stored reticle brightness level

3 MIL-DOT or customised reticle



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TECHNICAL DATA

Spotter 60 / Spotter 45

Optical data	Spotter 60	Spotter 45
Magnification (M)	20x – 60x	15x – 45x
Lens diameter in mm	72	
Exit pupil Ø in mm	3.6 – 1.2	4.8 – 1.6
Eye relief (mm)	20.5	30.5
Field of view (at 1000 m)	49 m – 19 m	
Diopter adjustment	±3 dptr	+2 to –3 dptr
Transmission in %	approx. 85	
Reticle/laser protection	Yes/optional	
Dimensions, weight		
Length/width/height in mm (depending on configuration)	340/90/165	350/90/165
Weight in g	1770	
Colour	Black/Tan	
Front filter thread	M 73 x 0.75	
Tripod connector in inches	3/8" thread with locking pin, optional adapter for 1/4"	
Electrical data		
Reticle illumination	Red	
Automatic reticle illumination shutoff	After 3 hours (adjustable according to customer needs)	
Low battery display	Optical, illuminated reticle pulses after it is turned on	
Power supply	3 V CR 2032 to –20°C button cell; alternatively: 3 V BR 2032 to –40°C	
Ambient conditions		
Environmental test	MIL-STD-810G, DIN ISO 9022 (excerpt)	

OBSERVATION OPTICS ACCESSORIES

Laser protection filter

Reduces laser radiation through absorption or reflection, thus protecting the eye.

Picatinny rail

Spotter 60/Spotter 45 can accommodate up to five Picatinny rails to enable the attachment of additional modules.

Neoprene protective cover

Protects the spotter against shocks and moisture. The spotter can be covered with desert or olive drab camouflage.

Digi adapter

The proven connector for the spotter and a digital still or video camera. Commercially available compact cameras can be used to document mission scenarios with a super tele lens. The swing mechanism permits a quick change between observation and recording. The extremely sturdy design weighs only around 870g.

Tripods

A variety of tripods and tripod heads are available.



Documentation or observation with maximum image quality: Simply slide the camera into and out of position. The proper seat is reliably secured with a notch

Laser protection filter



Picatinny rail



Catalog numbers	
Laser protection filter	331090-9007-000
Picatinny rail	331060-9015-000
Neoprene protective cover (desert)	331060-0040-000
Neoprene protective cover (olive drab)	331060-0041-000
Digi adapter	331060-9016-000